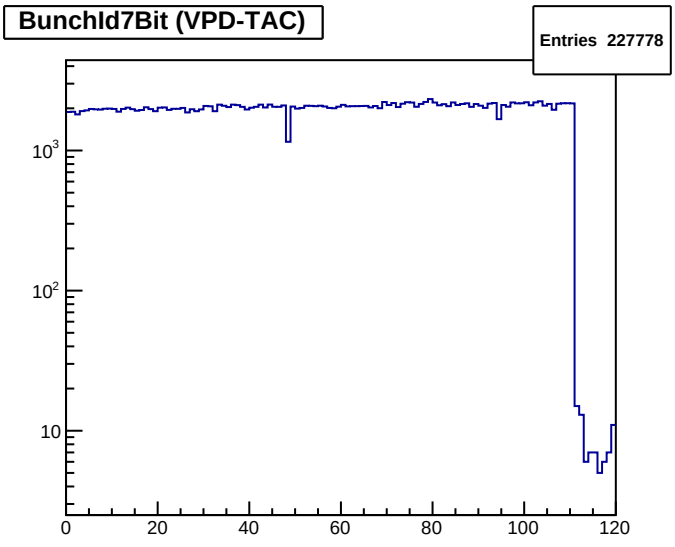
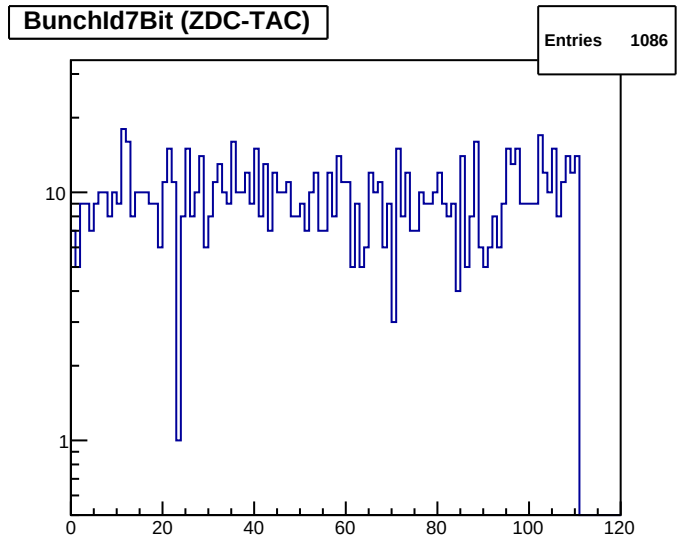
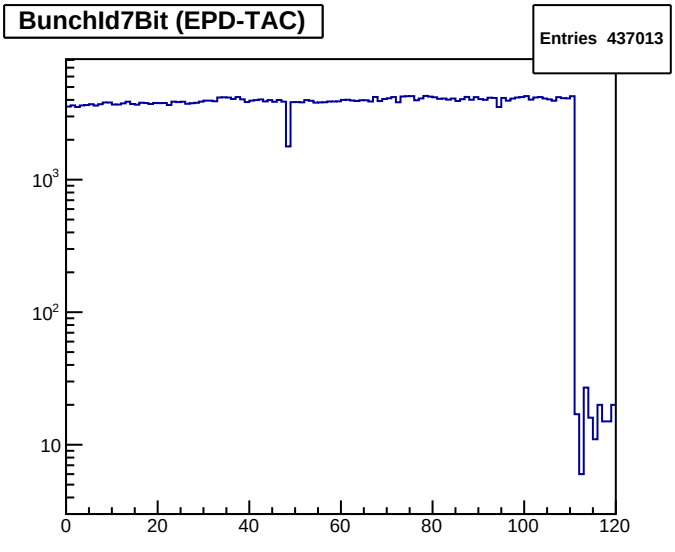
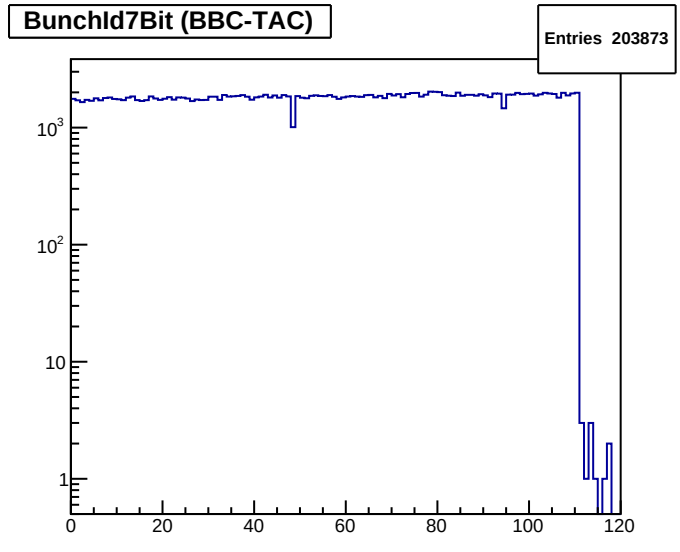
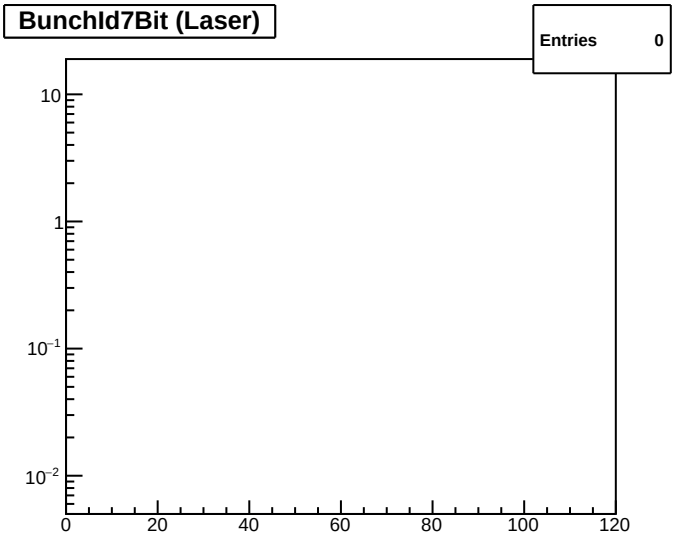
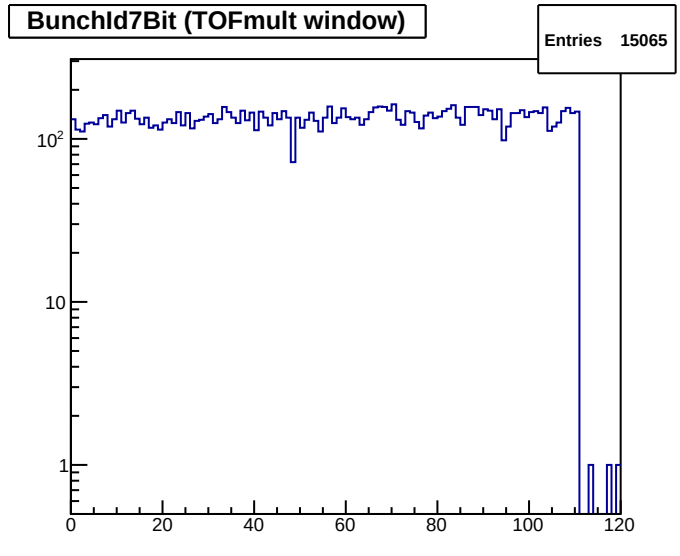

BunchId7Bit (VPD-TAC)
Entries 227778

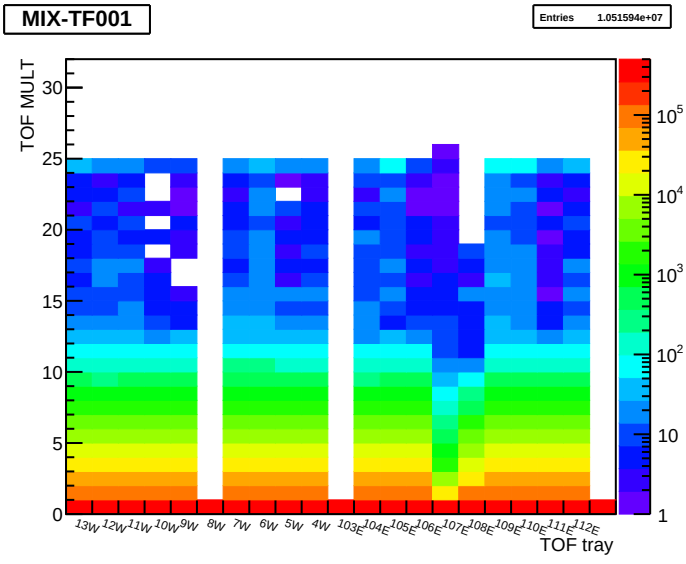

BunchId7Bit (ZDC-TAC)
Entries 1086

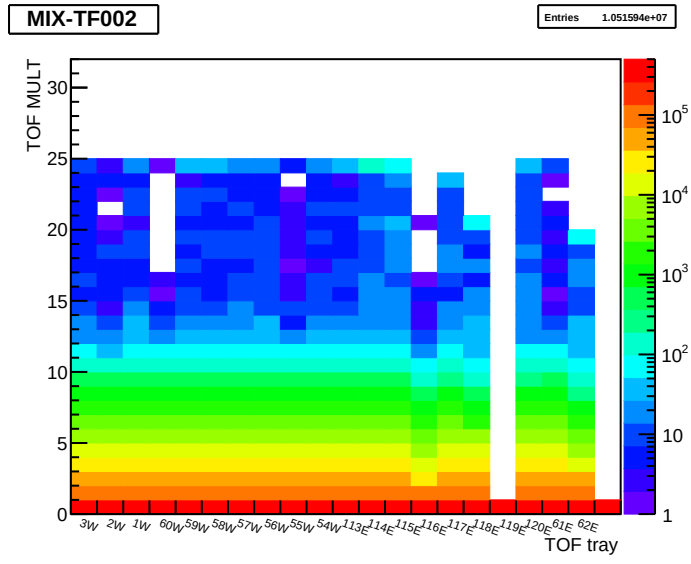

BunchId7Bit (EPD-TAC)
Entries 437013

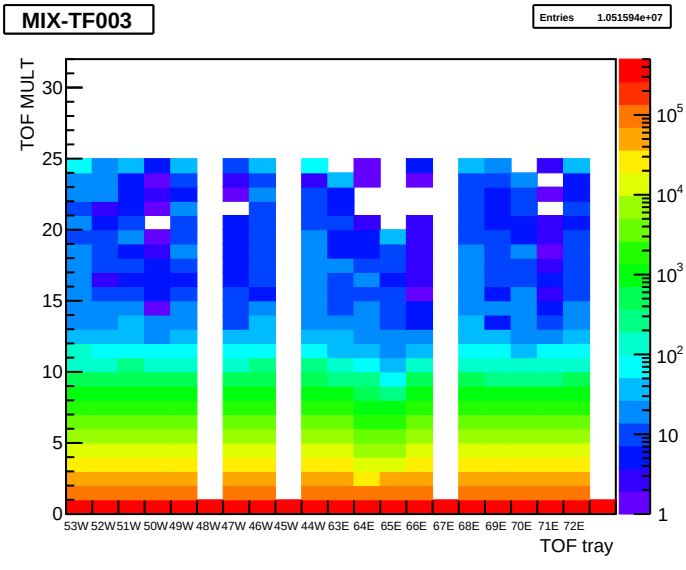

BunchId7Bit (BBC-TAC)
Entries 203873

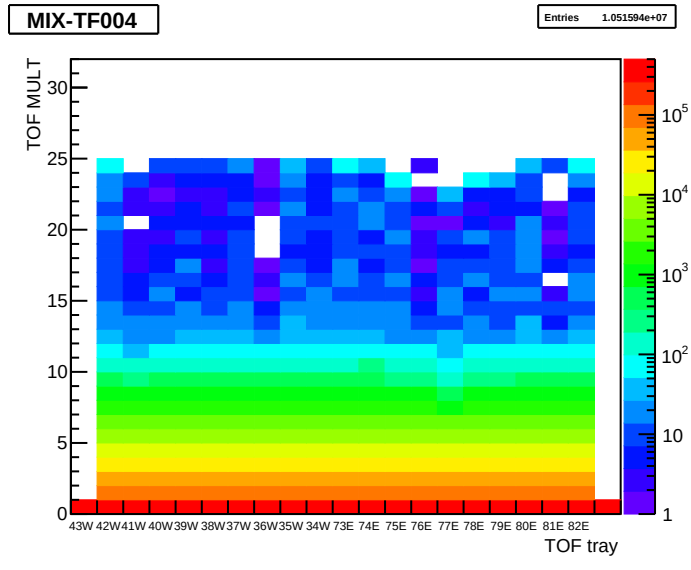

BunchId7Bit (Laser)
Entries 0

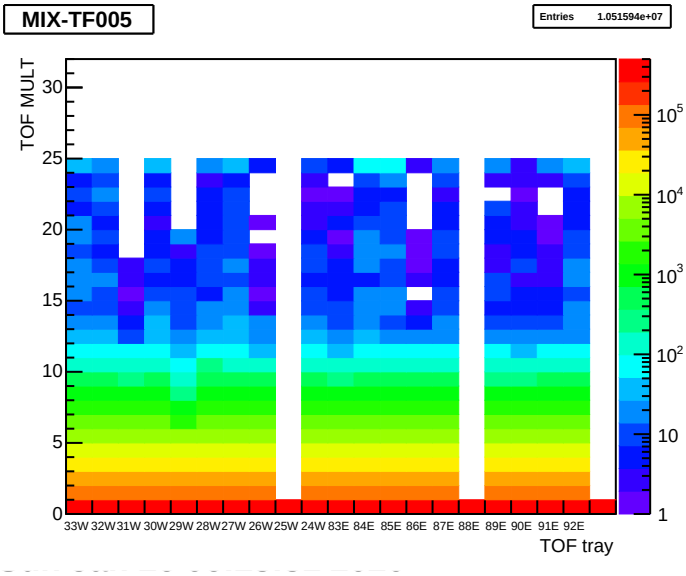

BunchId7Bit (TOFmult window)
Entries 15065

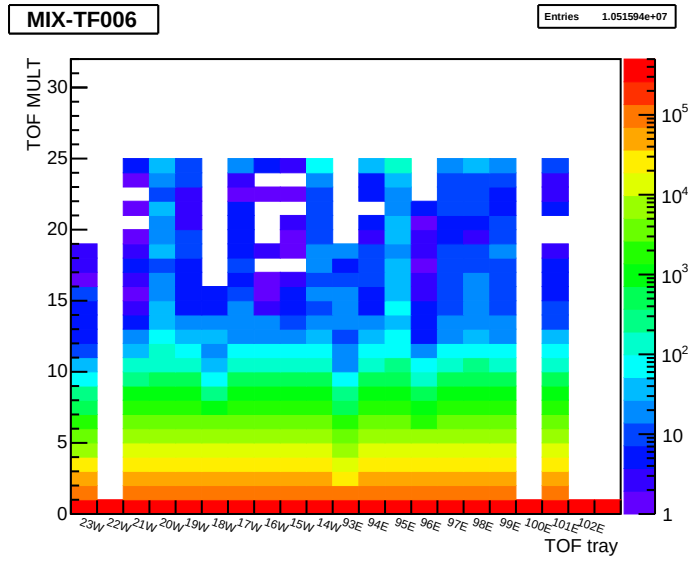

MIX-TF001
Entries 1.051594e+07
TOF MULT
TOF tray

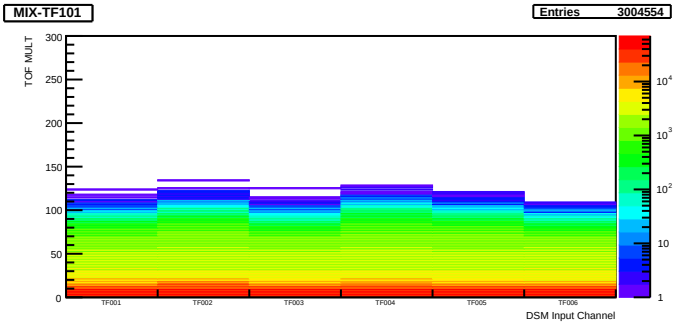

MIX-TF002
Entries 1.051594e+07
TOF MULT
TOF tray

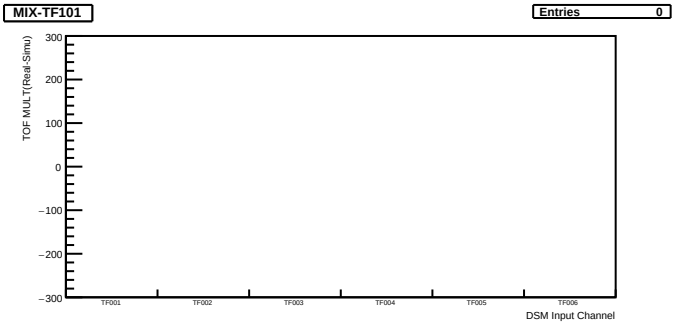

MIX-TF003
Entries 1.051594e+07
TOF MULT
TOF tray

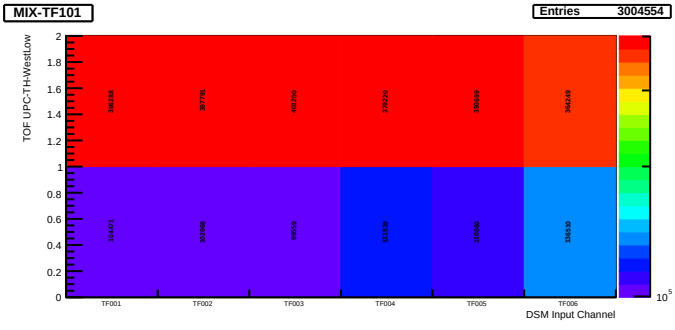

MIX-TF004
Entries 1.051594e+07
TOF MULT
TOF tray

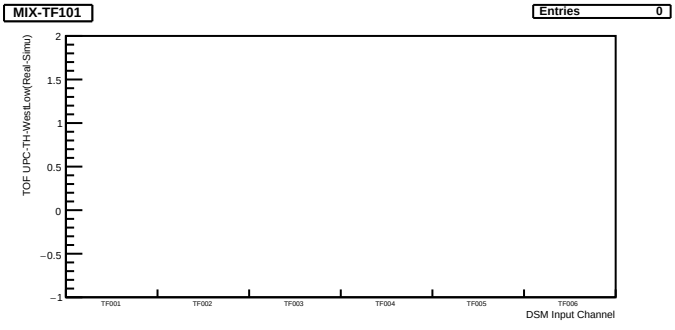

MIX-TF005
Entries 1.051594e+07
TOF MULT
TOF tray

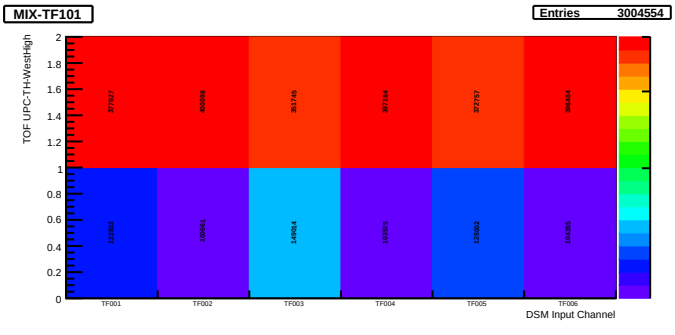

MIX-TF006
Entries 1.051594e+07
TOF MULT
TOF tray

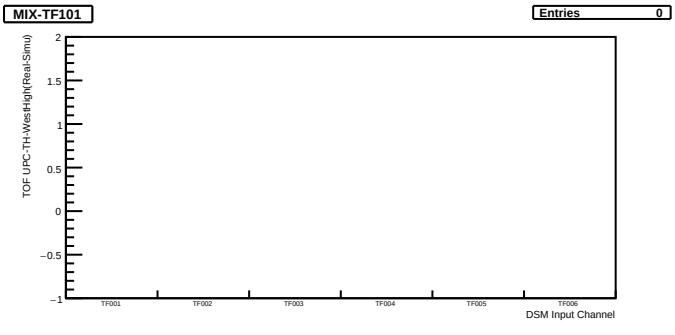

MIX-TF101
Entries 3004554
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

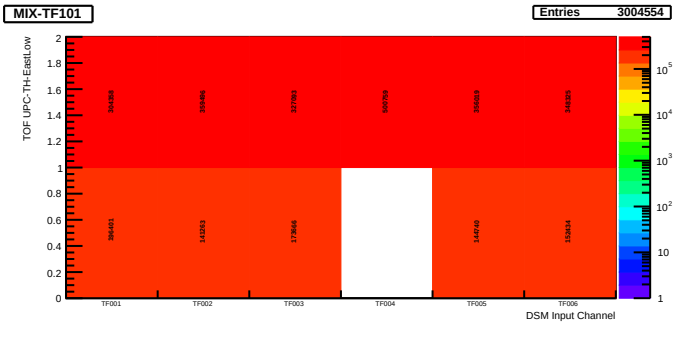

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

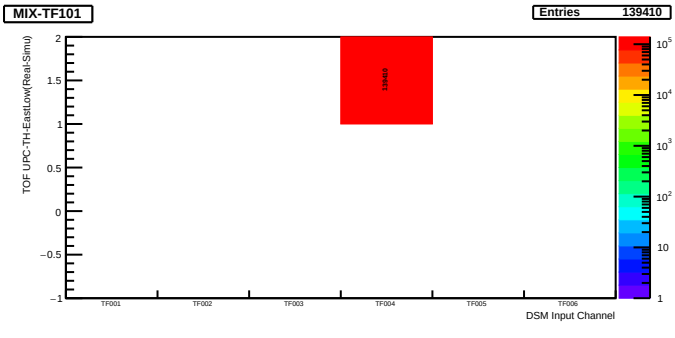

MIX-TF101
Entries 3004554
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

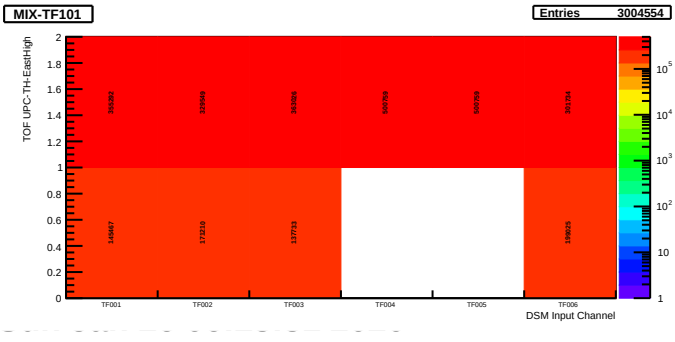

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

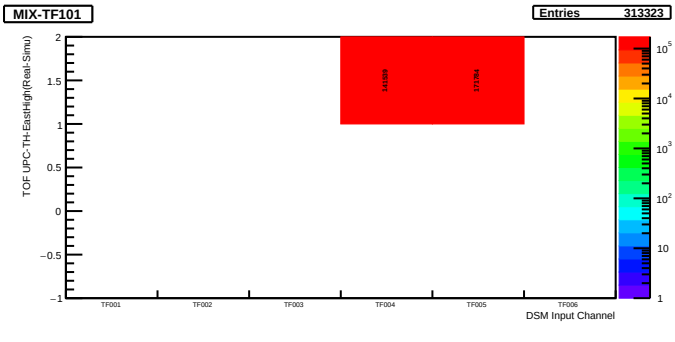

MIX-TF101
Entries 3004554
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

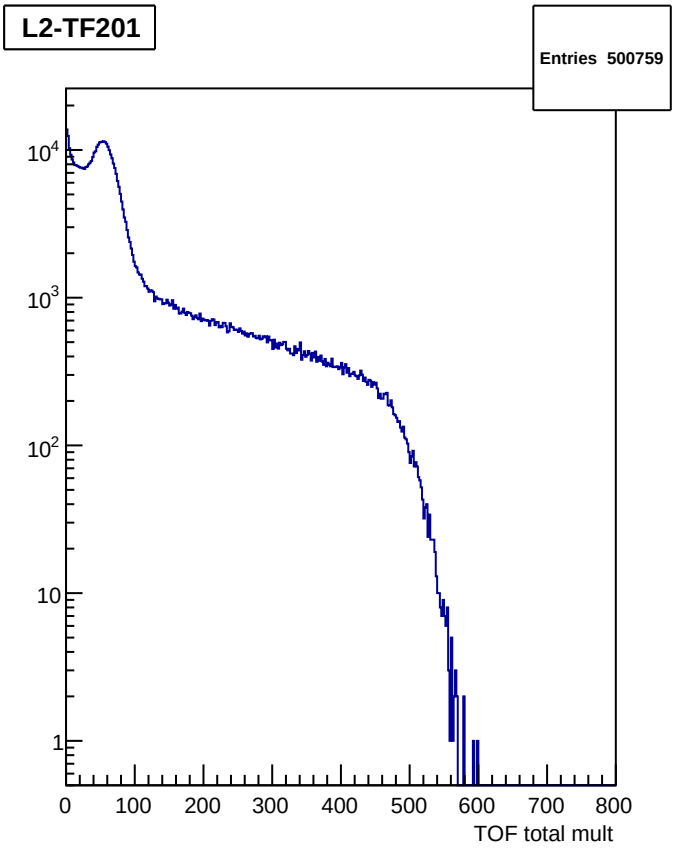

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

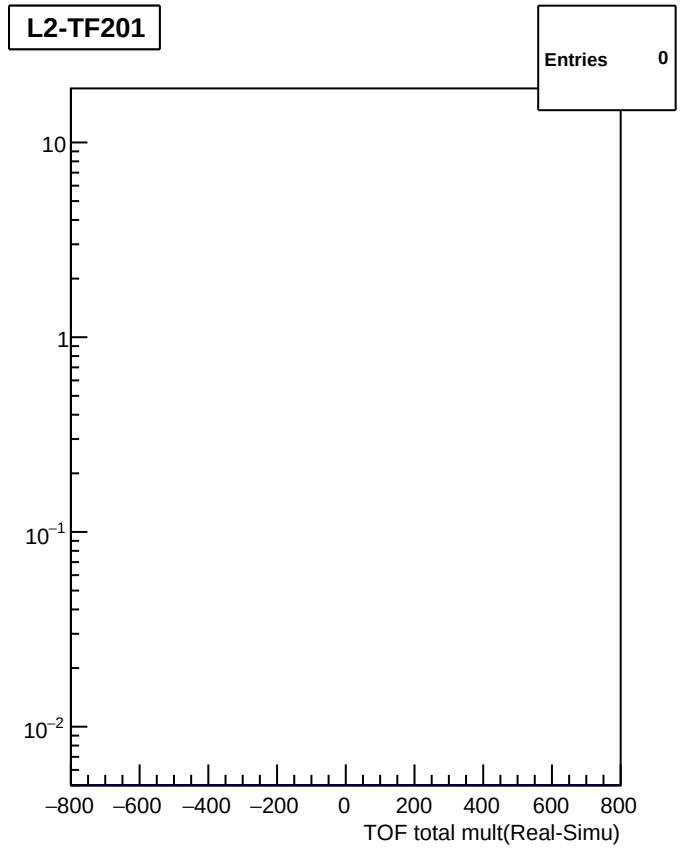

MIX-TF101
Entries 3004554
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

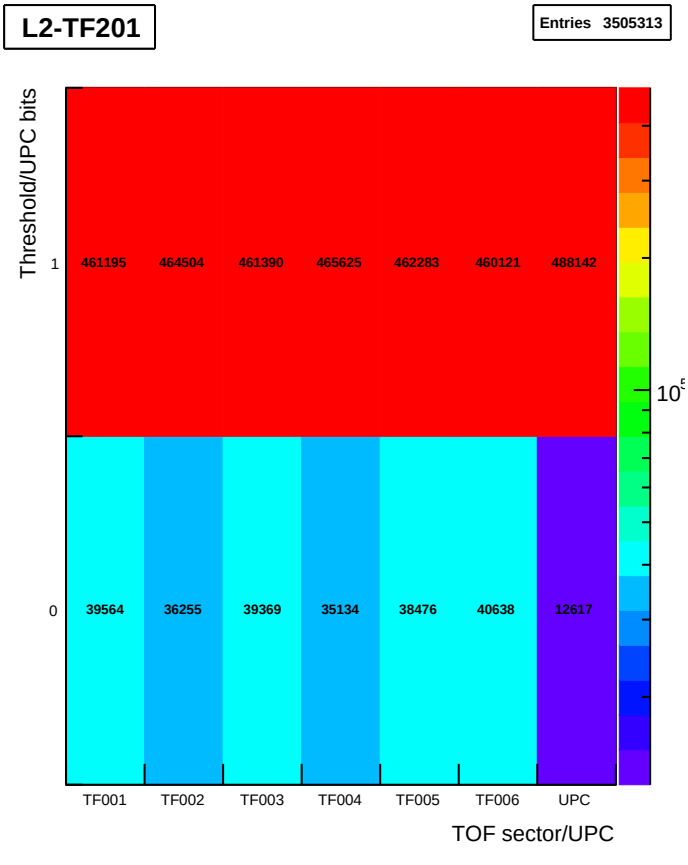

MIX-TF101
Entries 139410
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

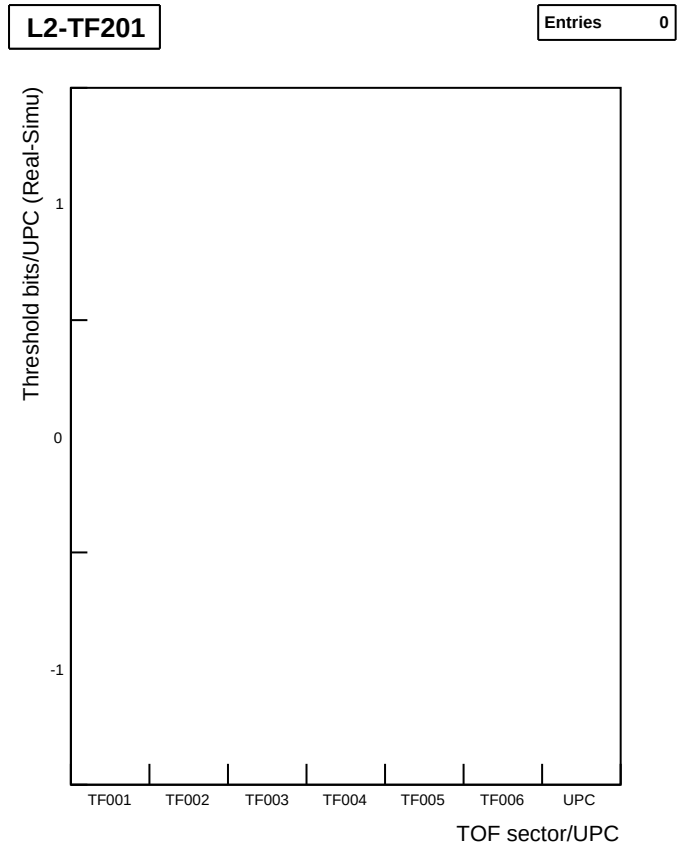

MIX-TF101
Entries 3004554
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

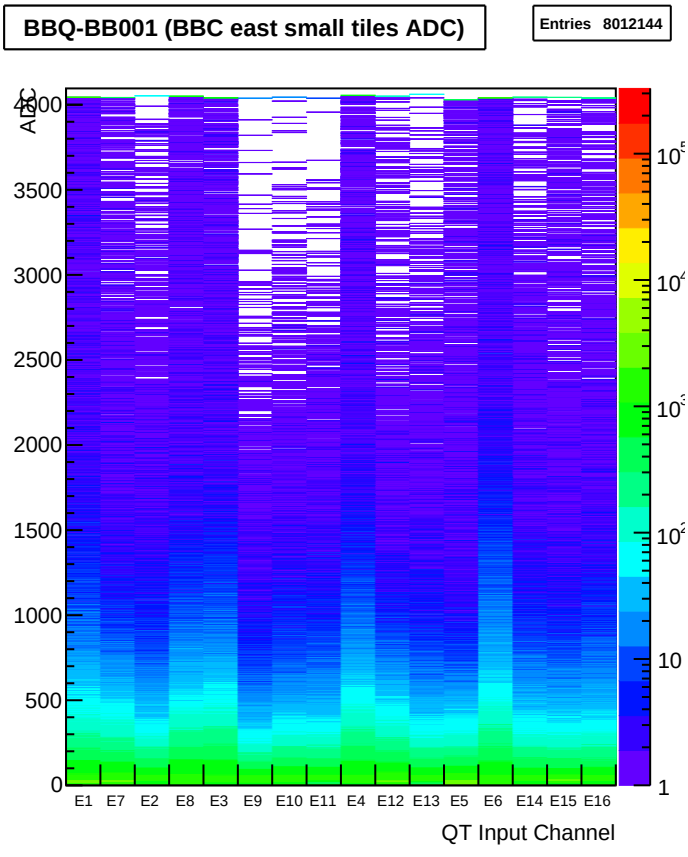

MIX-TF101
Entries 313323
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

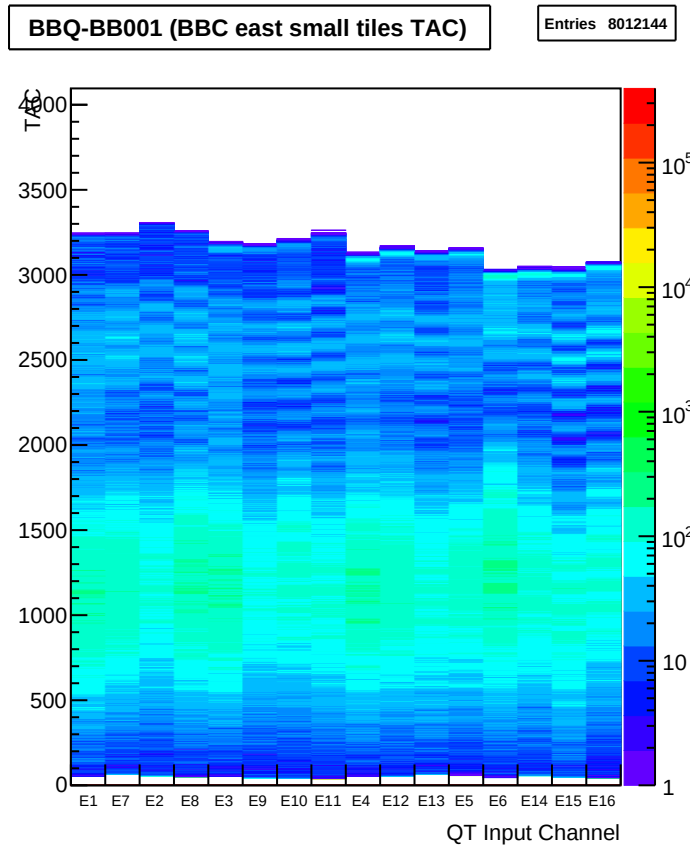

L2-TF201
Entries 500759
TOF total mult

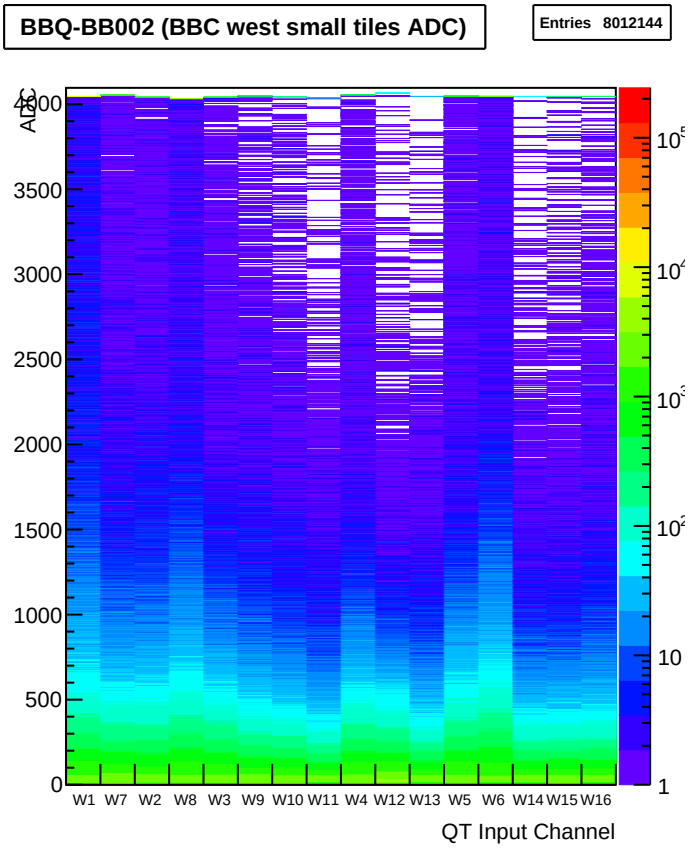

L2-TF201
Entries 0
TOF total mult(Real-Simu)

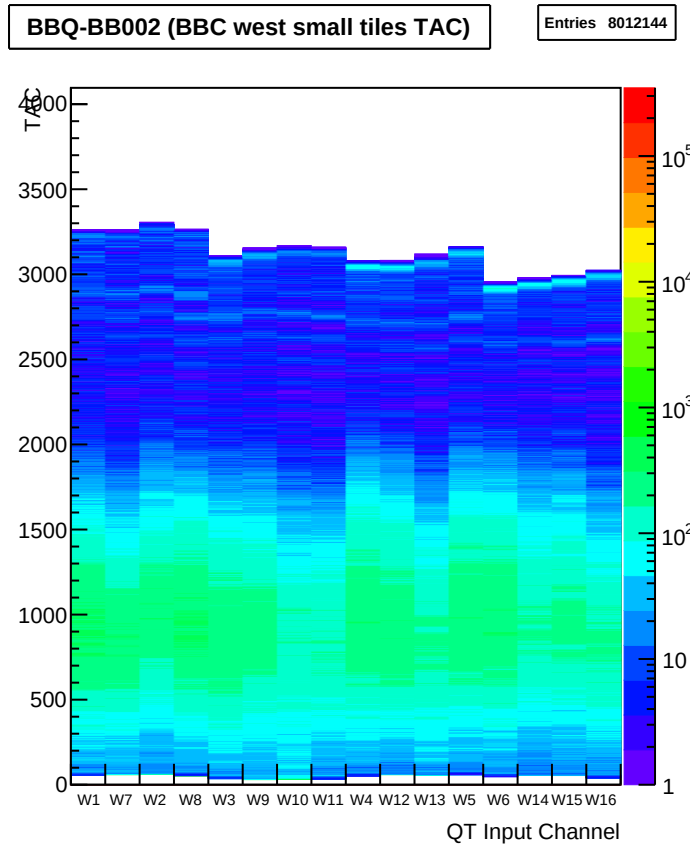

L2-TF201
Entries 3505313
Threshold/UPC bits
461195
464504
461390
465625
462283
460121
488142
39564
36255
39369
35134
38476
40638
12617
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

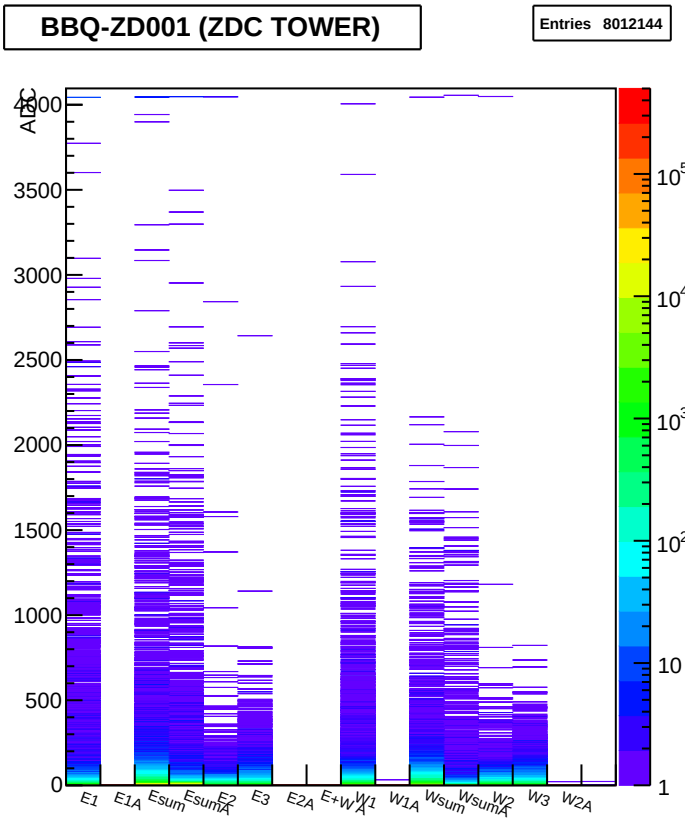

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

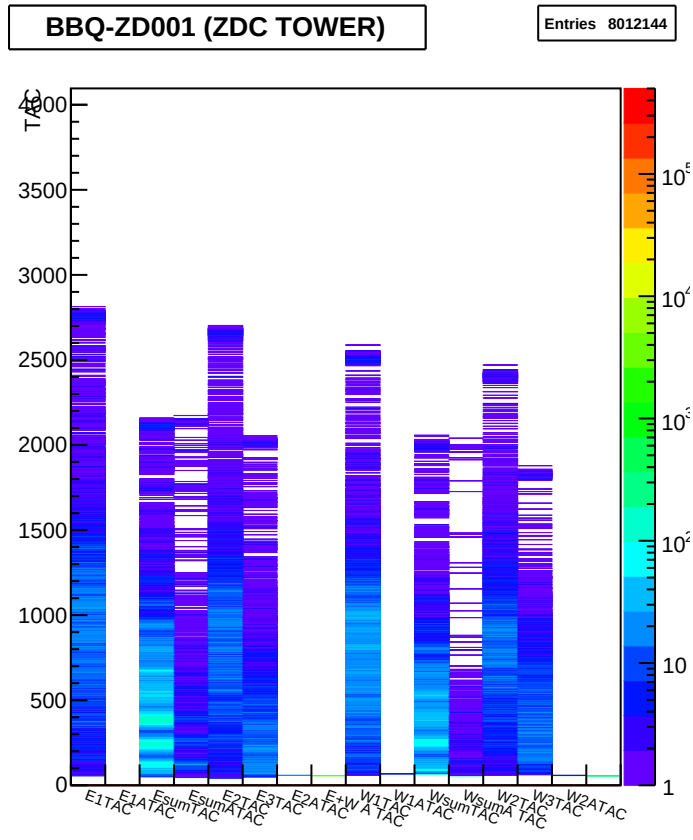

BBQ-BB001 (BBC east small tiles ADC)
Entries 8012144
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

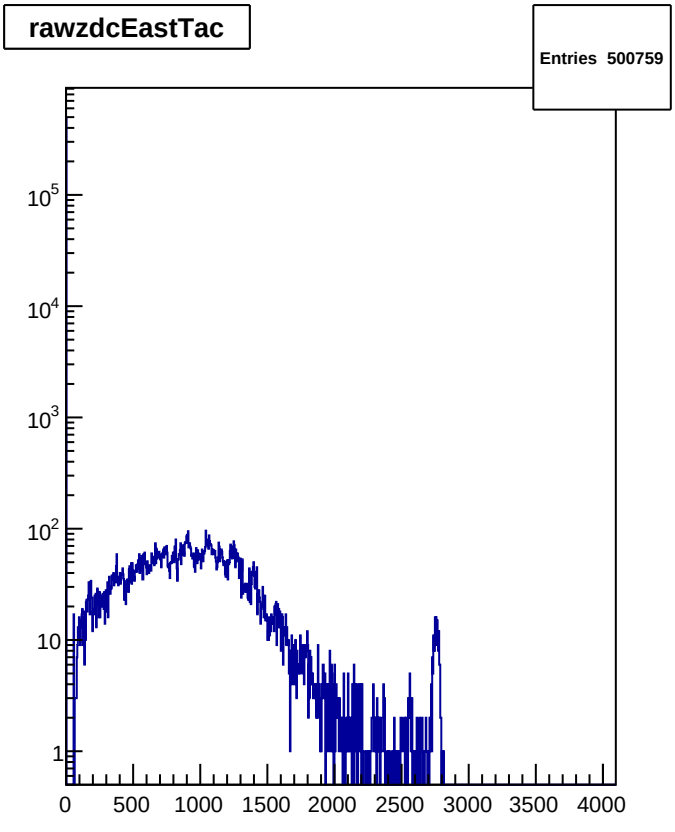

BBQ-BB001 (BBC east small tiles TAC)
Entries 8012144
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

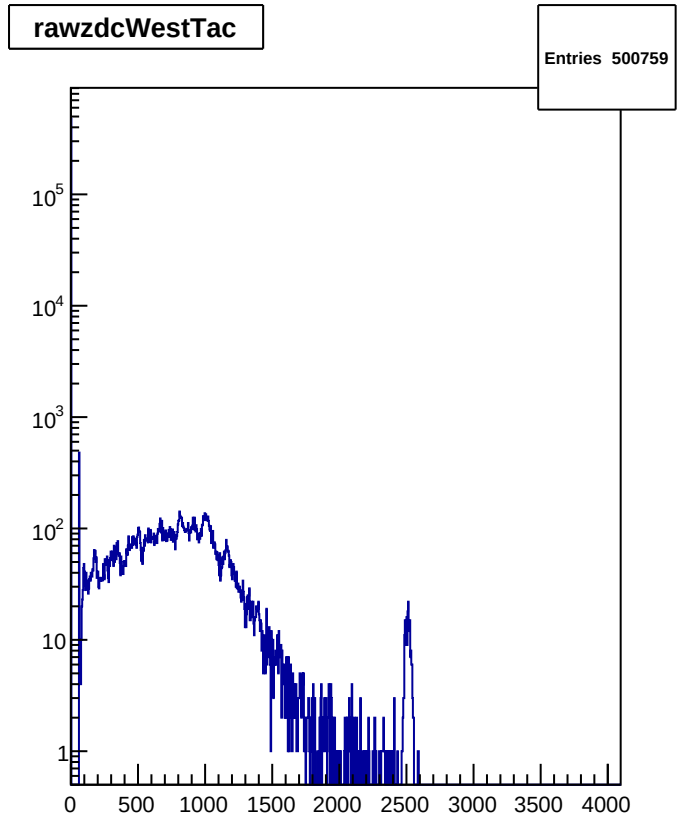

BBQ-BB002 (BBC west small tiles ADC)
Entries 8012144
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

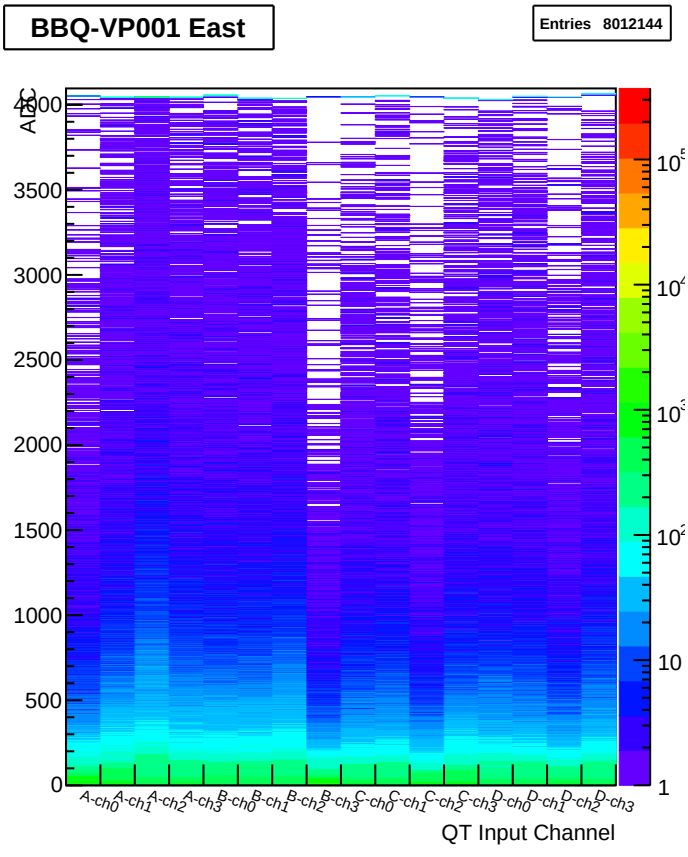

BBQ-BB002 (BBC west small tiles TAC)
Entries 8012144
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

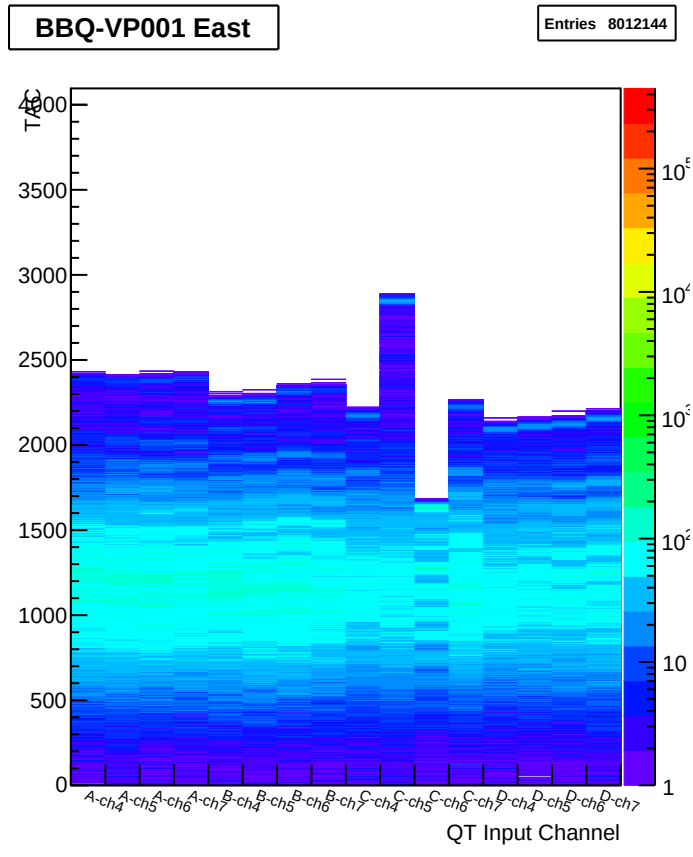

BBQ-ZD001 (ZDC TOWER)
Entries 8012144
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

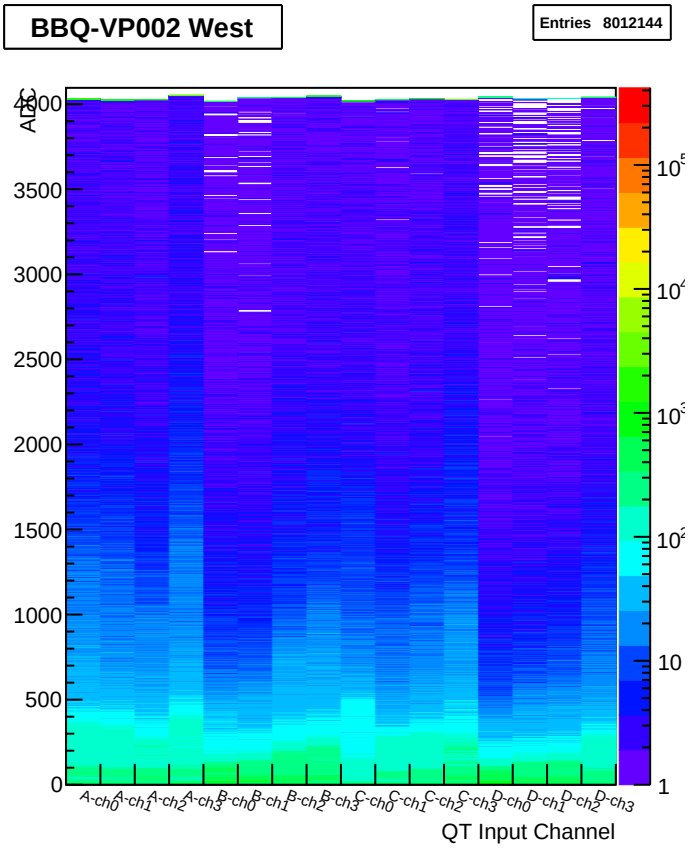

BBQ-ZD001 (ZDC TOWER)
Entries 8012144
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

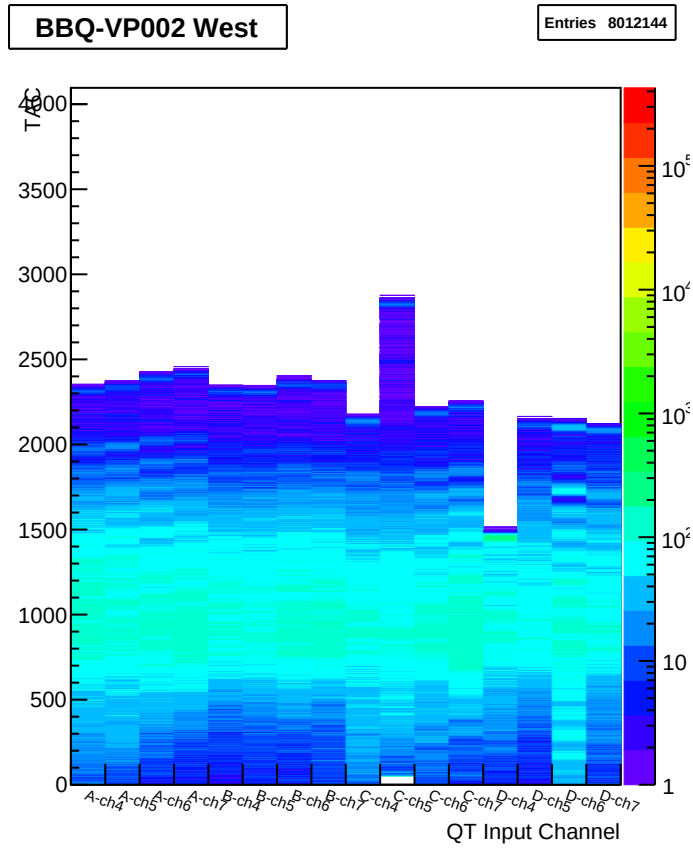

rawzdcEastTac
Entries 500759

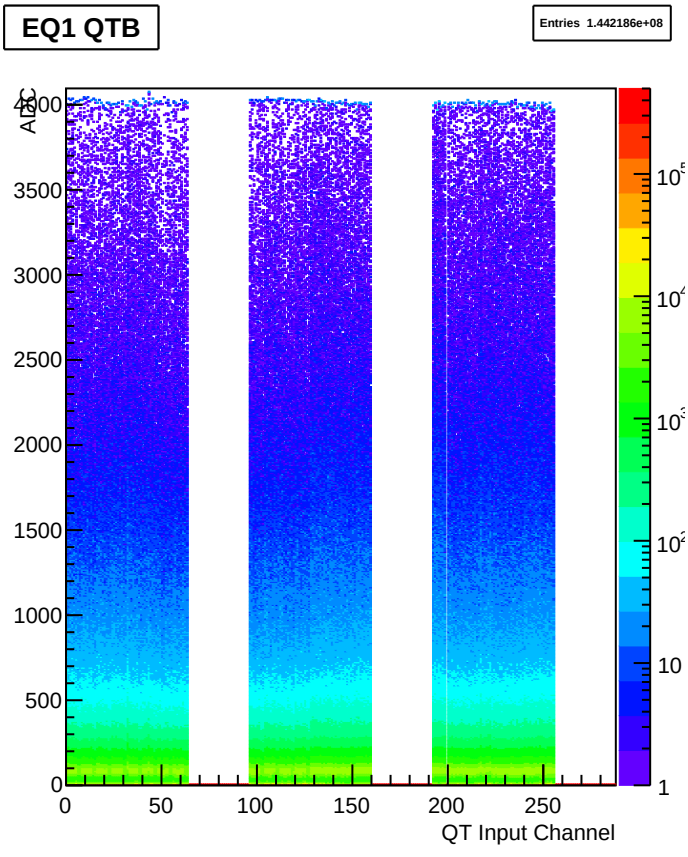

rawzdcWestTac
Entries 500759

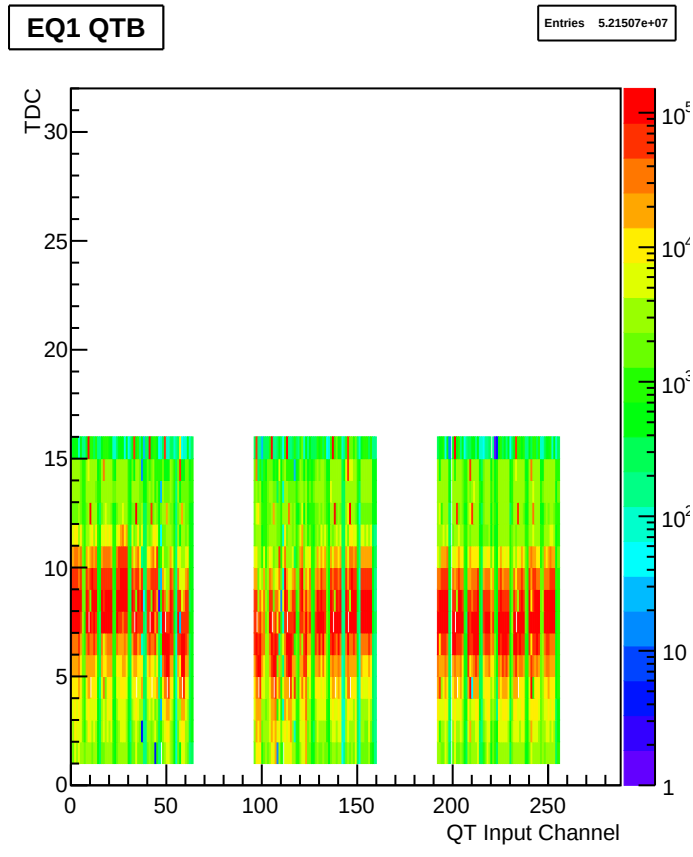

BBQ-VP001 East
Entries 8012144
ADC
QT Input Channel

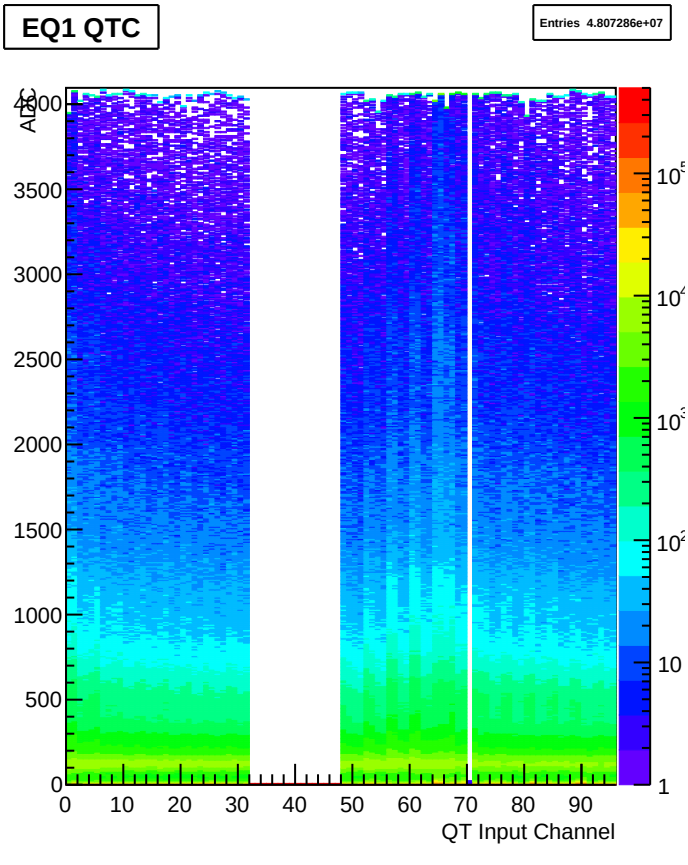

BBQ-VP001 East
Entries 8012144
TAC
QT Input Channel

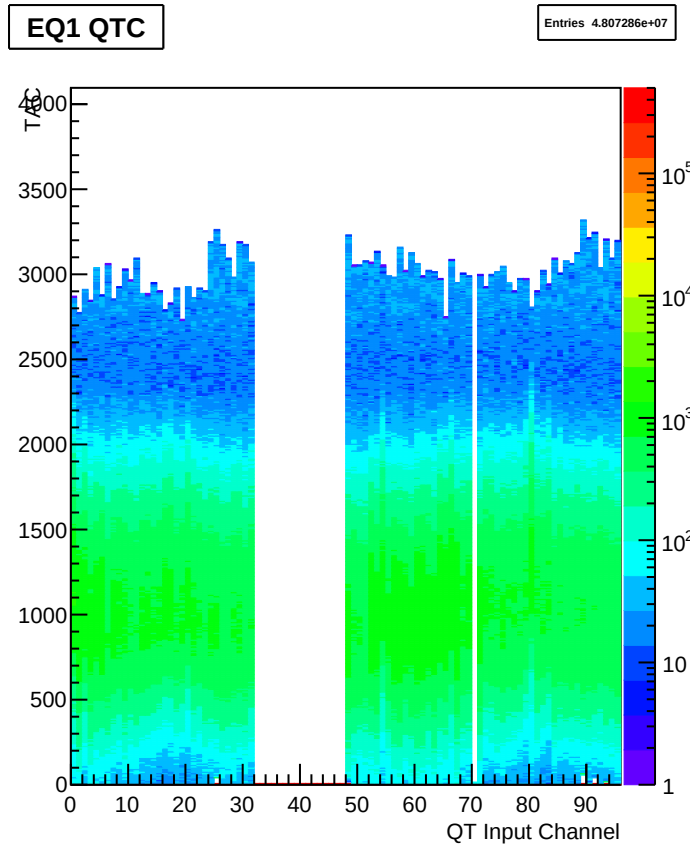

BBQ-VP002 West
Entries 8012144
ADC
QT Input Channel

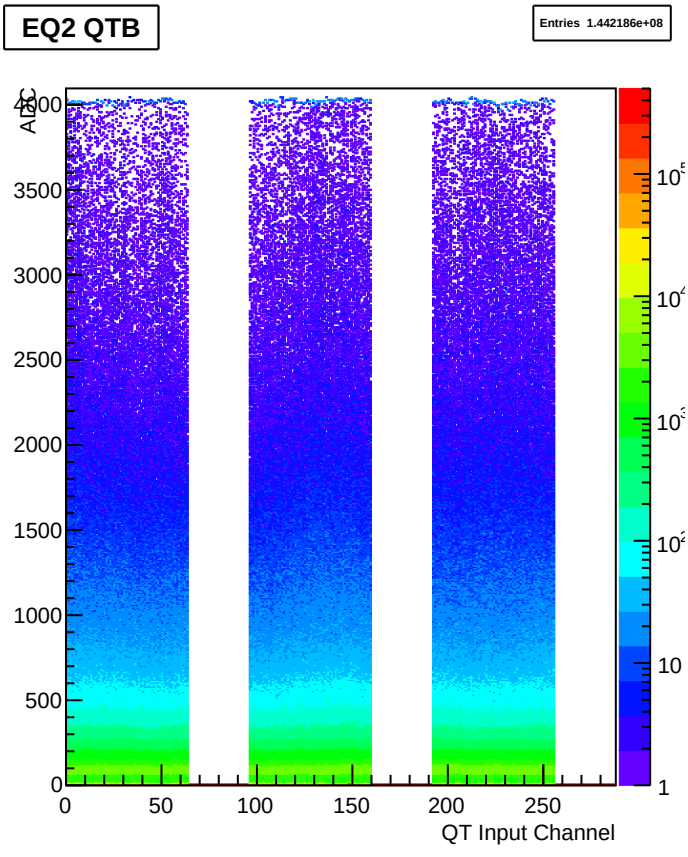

BBQ-VP002 West
Entries 8012144
TAC
QT Input Channel

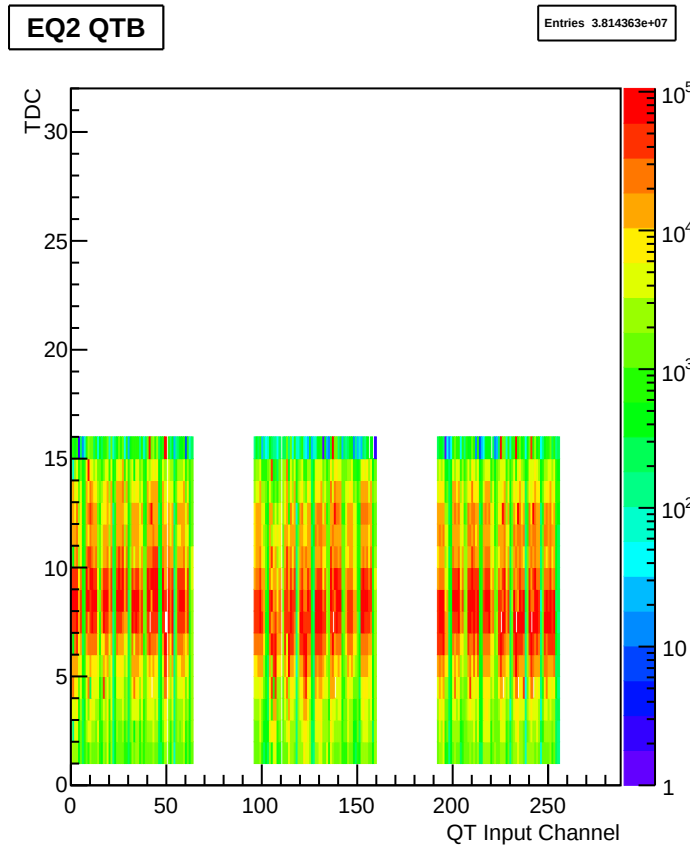

EQ1 QTB
Entries 1.442186e+08
ADC
QT Input Channel

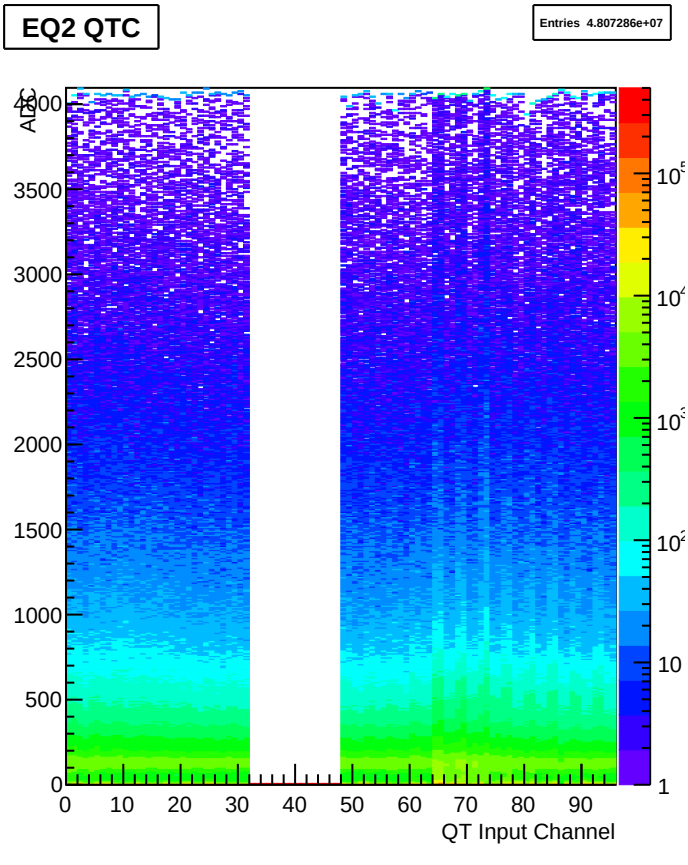

EQ1 QTB
Entries 5.21507e+07
TDC
QT Input Channel

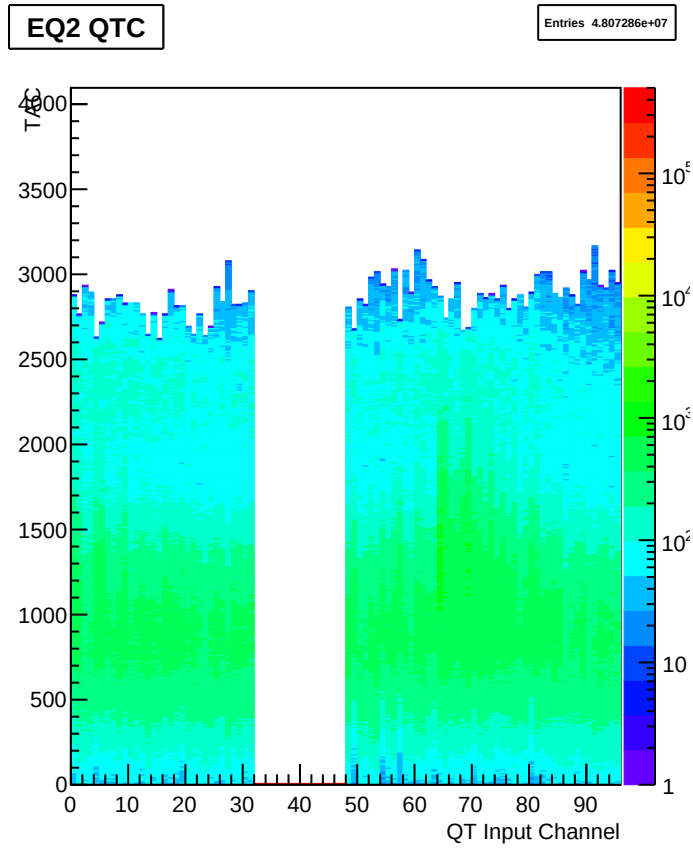

EQ1 QTC
Entries 4.807286e+07
ADC
QT Input Channel

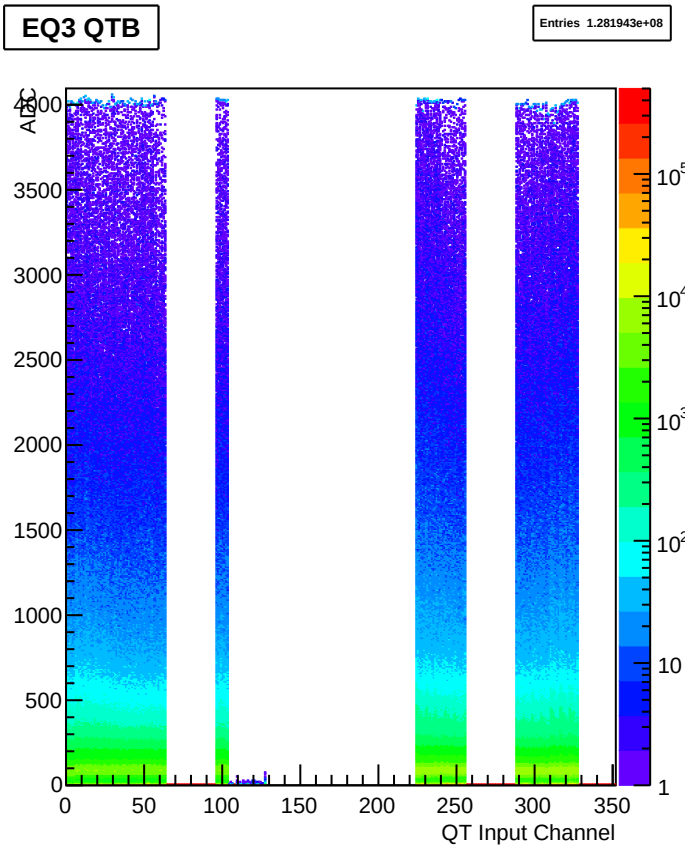

EQ1 QTC
Entries 4.807286e+07
TADC
QT Input Channel

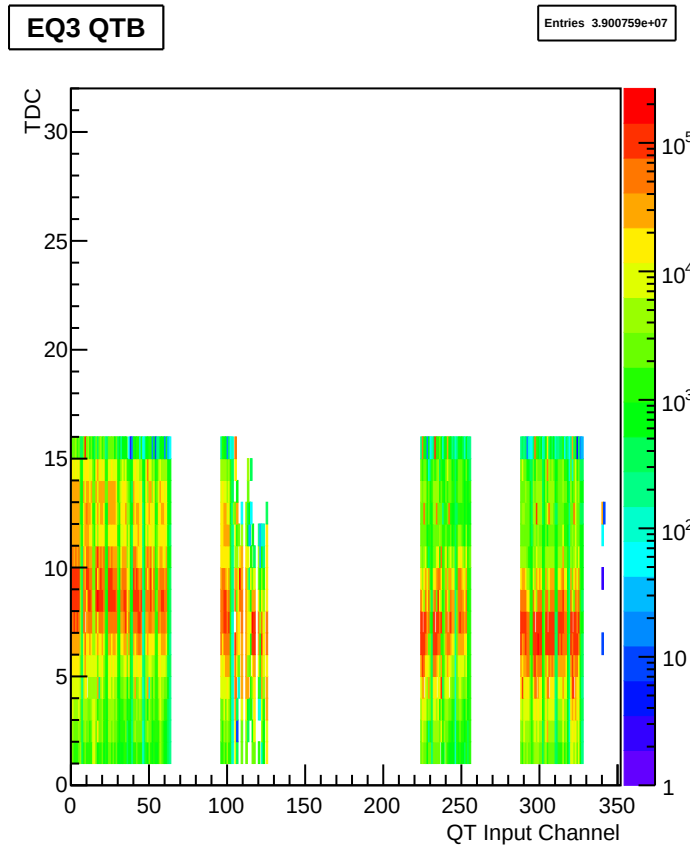

EQ2 QTB
Entries 1.442186e+08
ADC
QT Input Channel

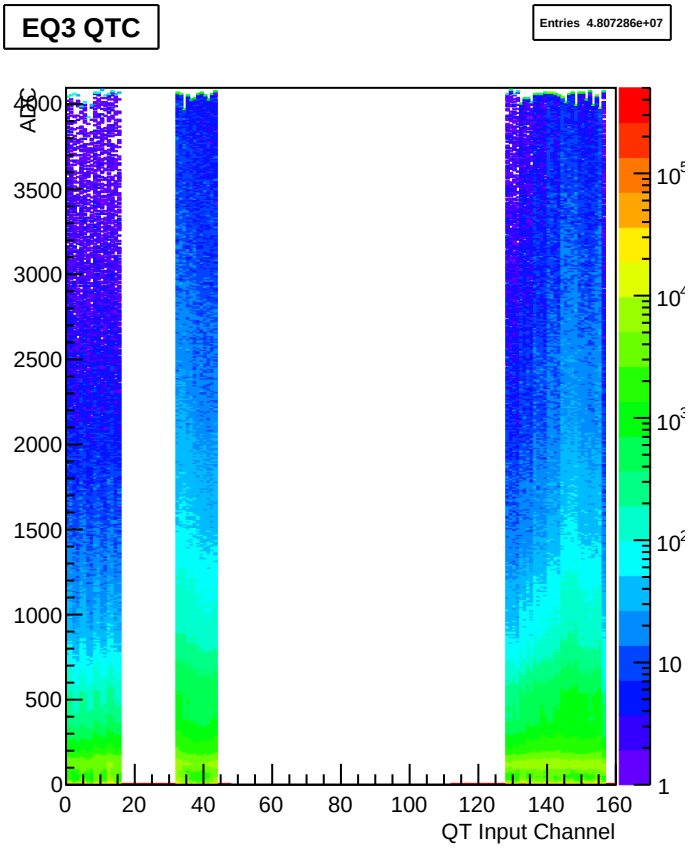

EQ2 QTB
Entries 3.814363e+07
TDC
QT Input Channel

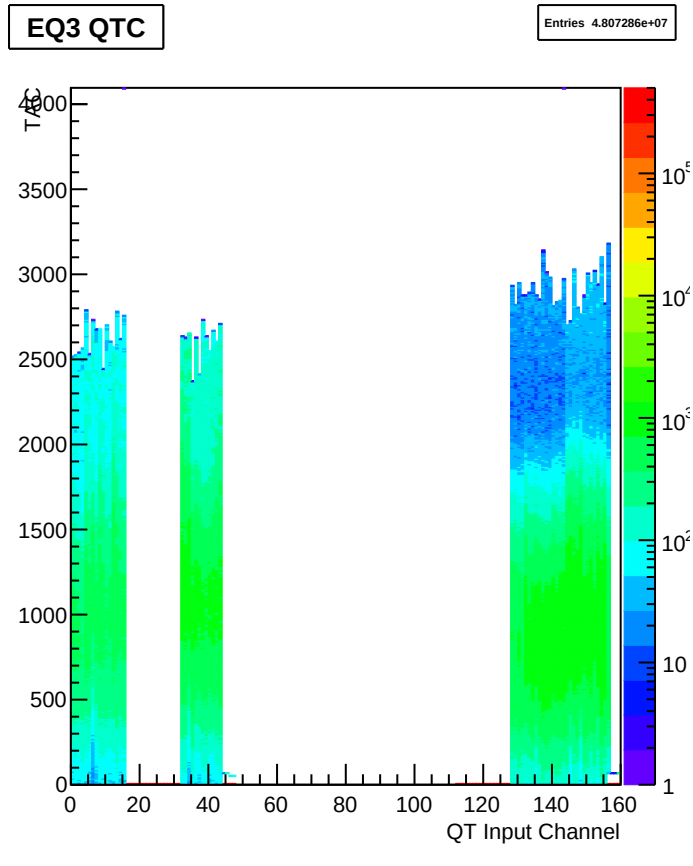

EQ2 QTC
Entries 4.807286e+07
ADC
QT Input Channel


EQ2 QTC
Entries 4.807286e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.281943e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.900759e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.807286e+07
ADC
QT Input Channel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Entries 4.807286e+07
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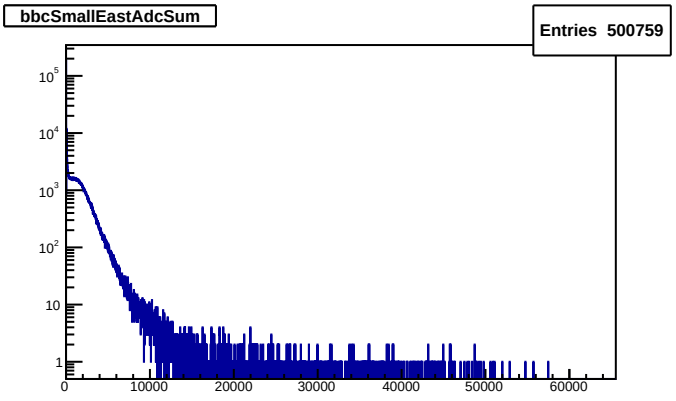
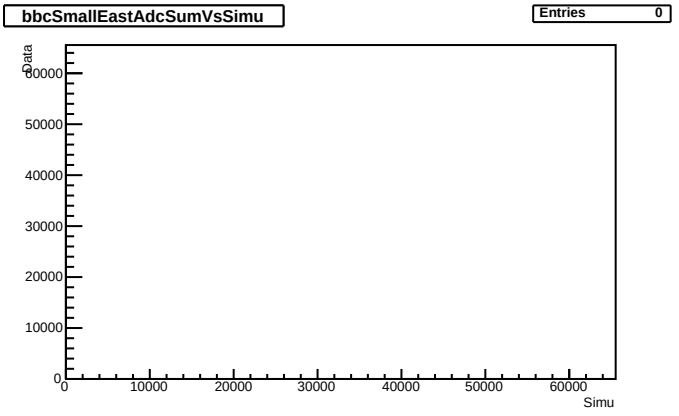
QT Input Channel


bbcSmallEastAdcSum
Entries 500759


bbcSmallEastAdcSumVsSimu
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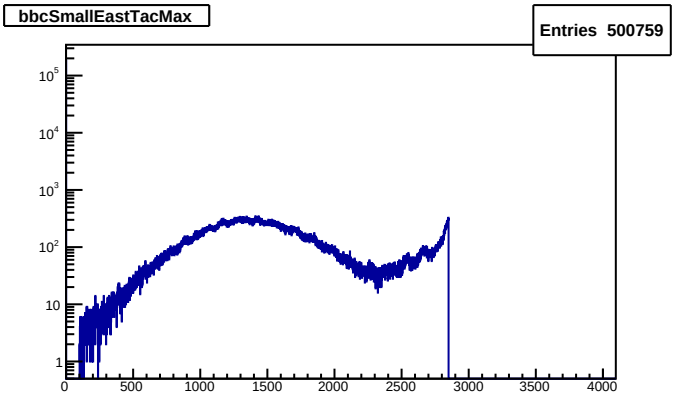
Data
Simu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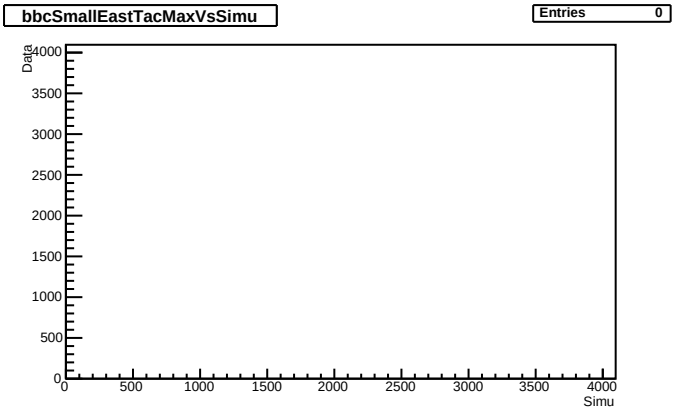
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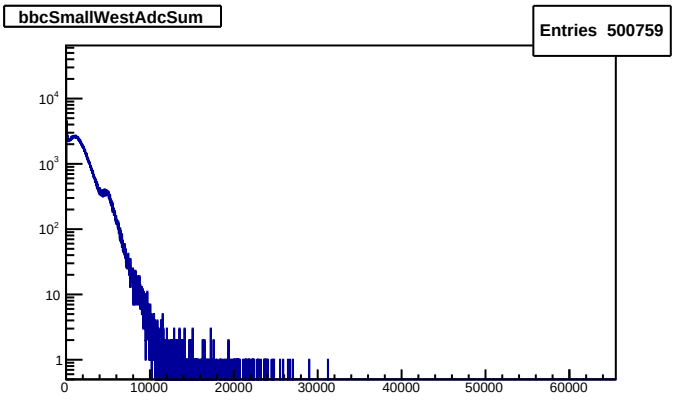
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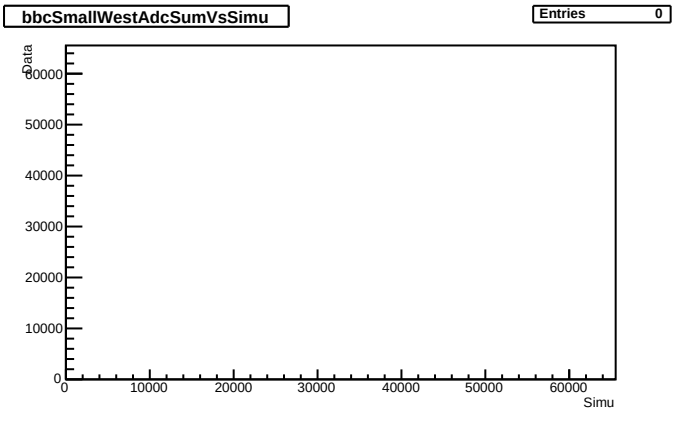
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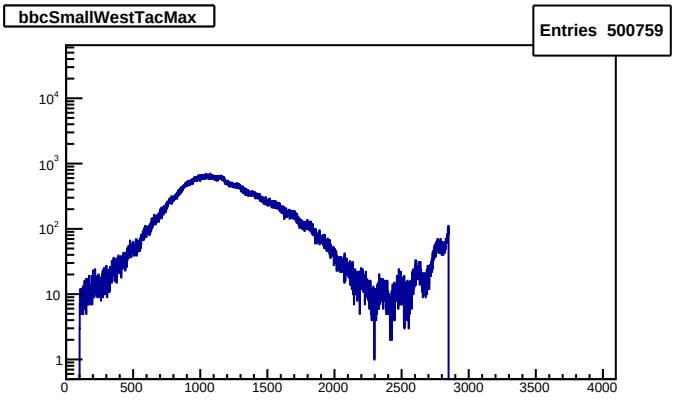
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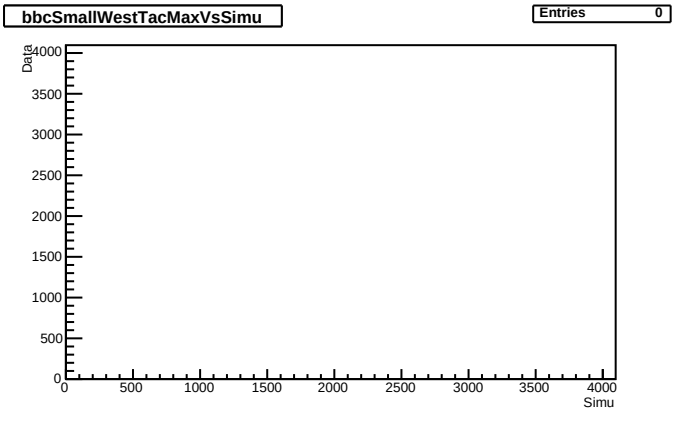
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Entries 0
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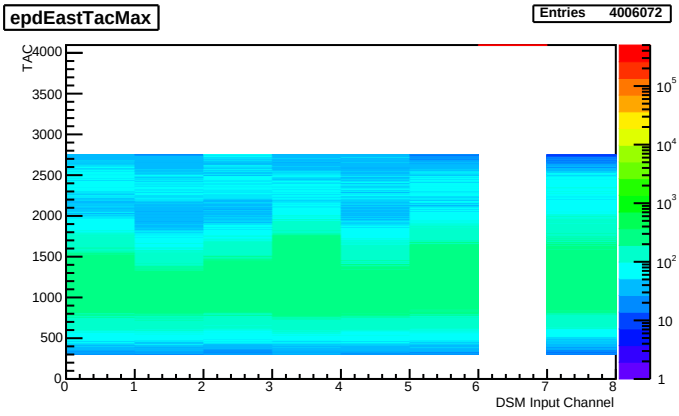
Simu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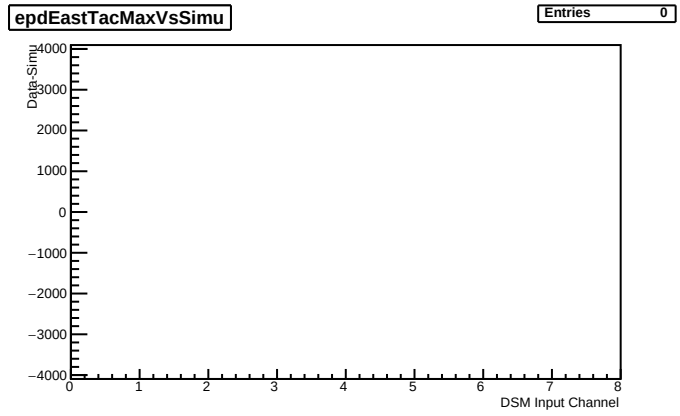
TAC
DSM Input Channel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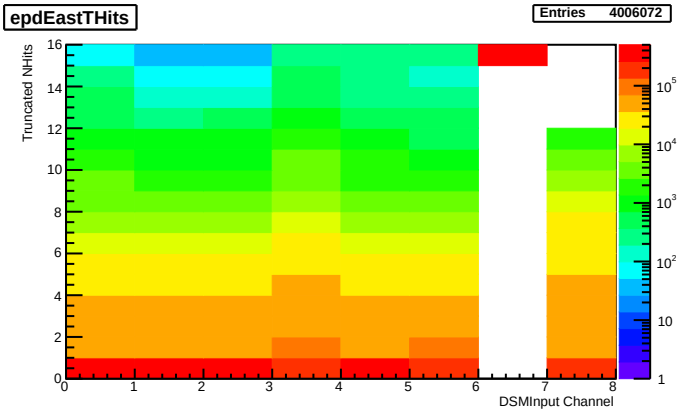
DSM Input Channel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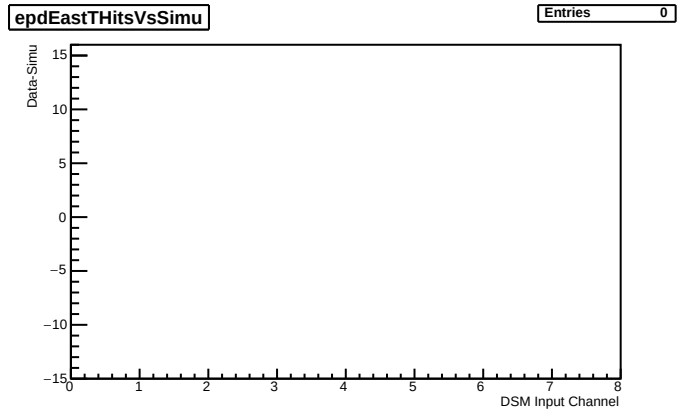
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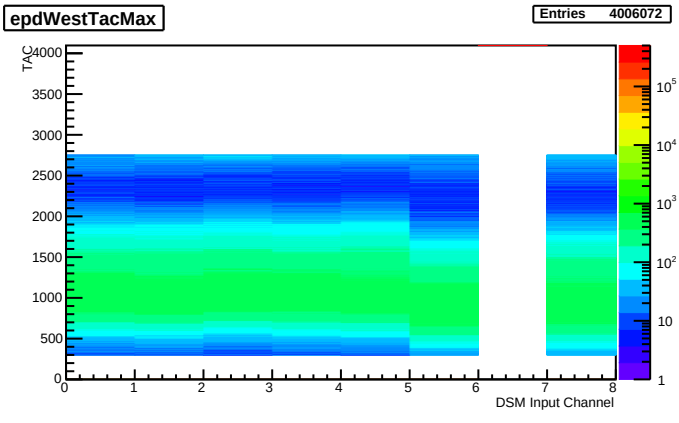
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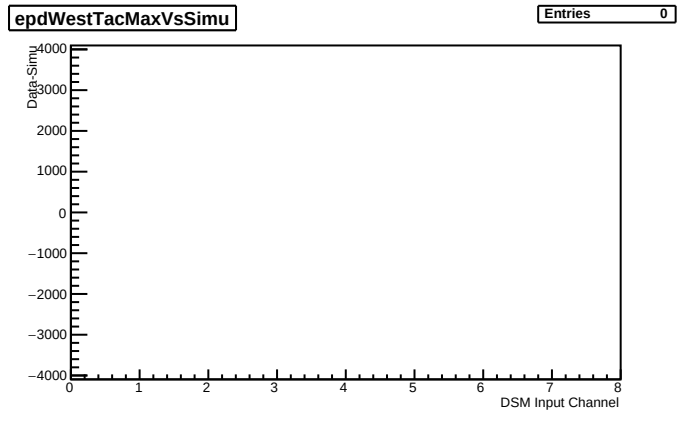
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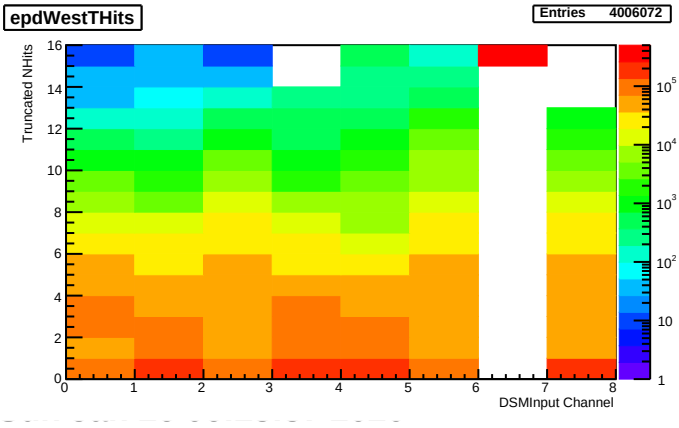
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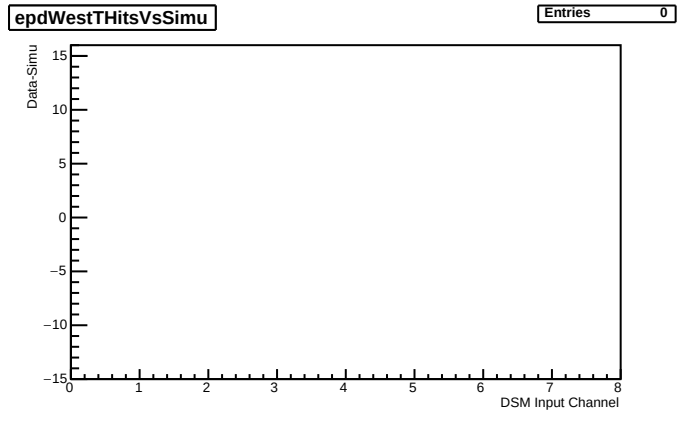
Truncated NHits
DSMInput Channel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Entries 0
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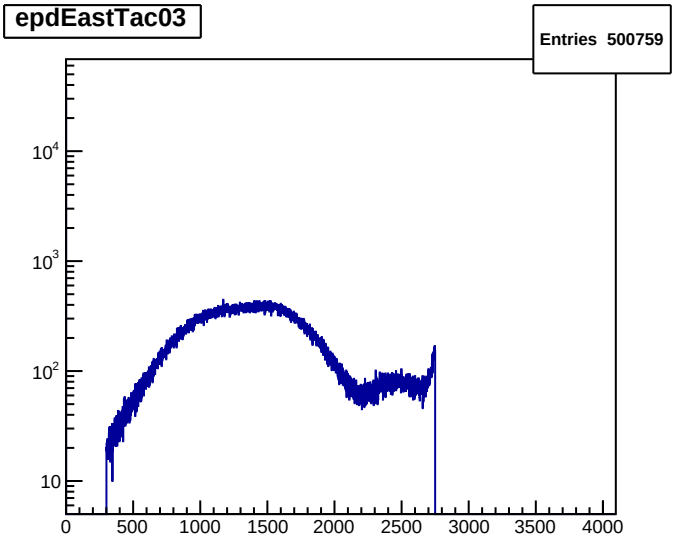
DSM Input Channel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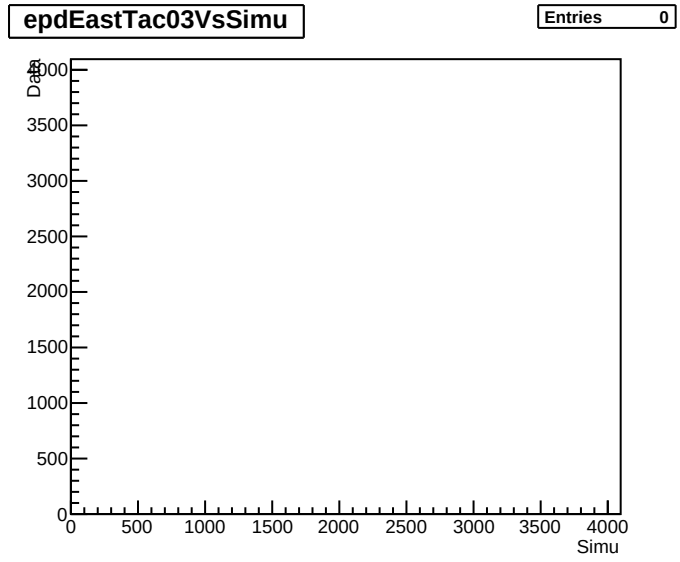
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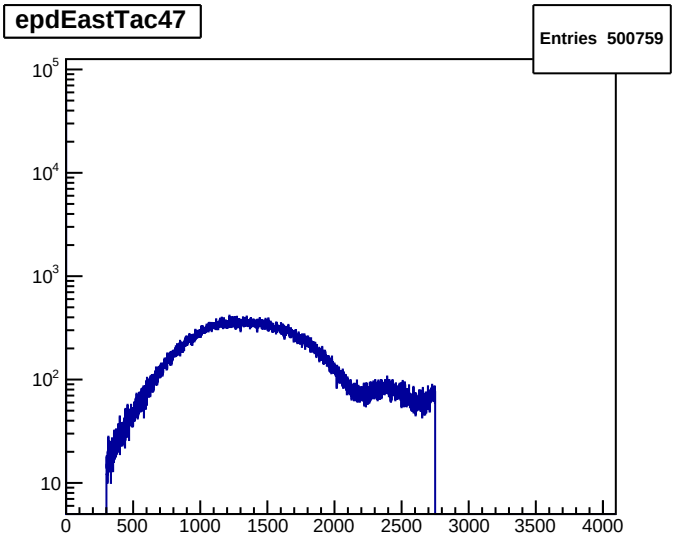
Entries 0
Data
Simu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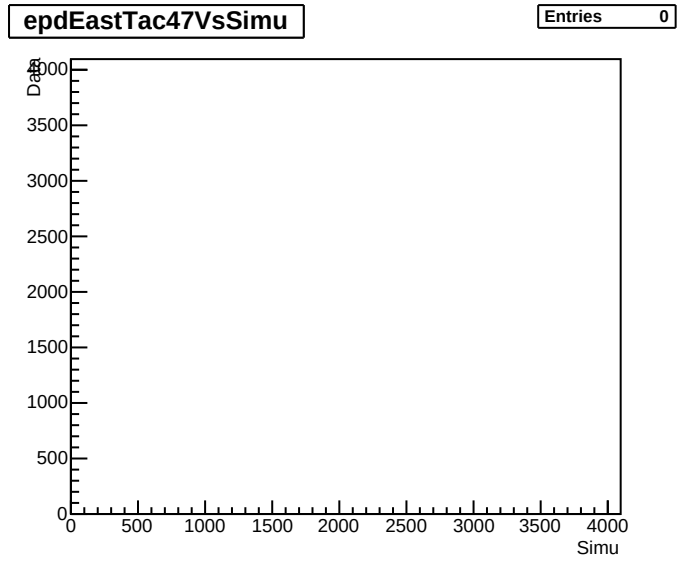
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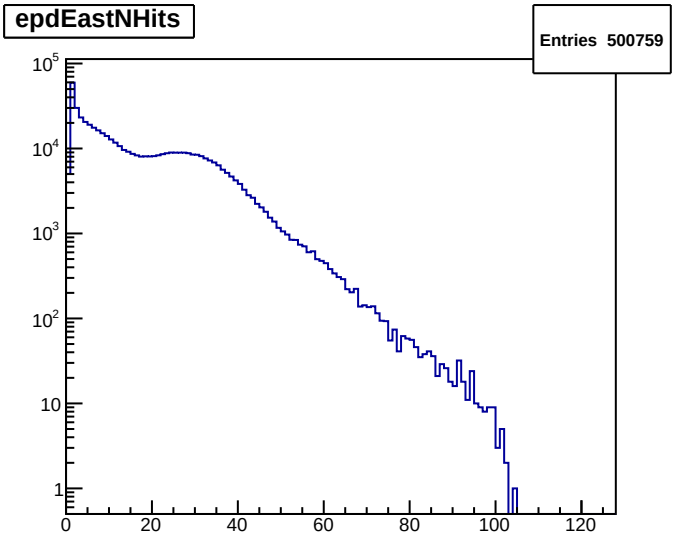
Entries 0
Data
Simu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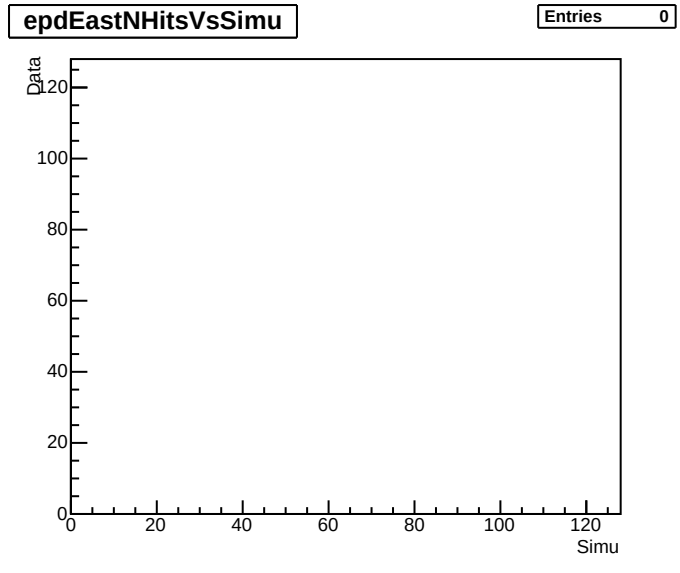
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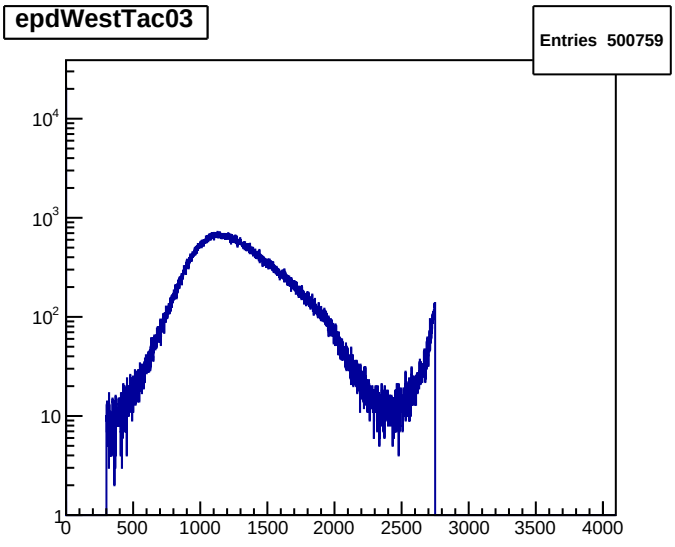
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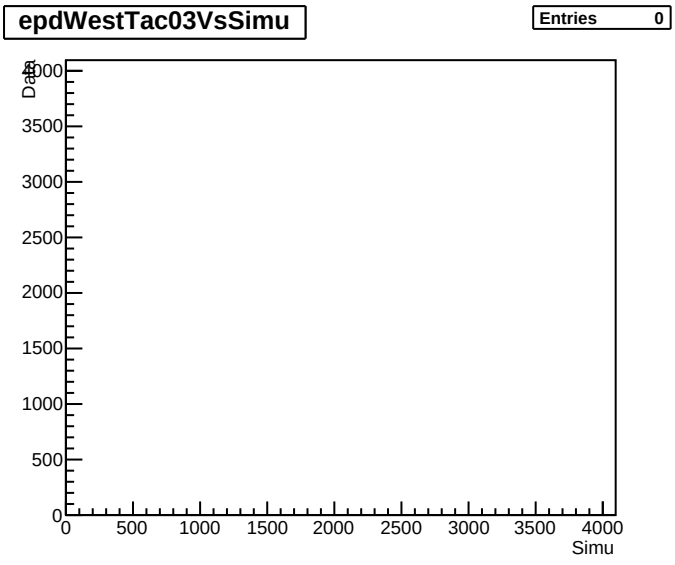
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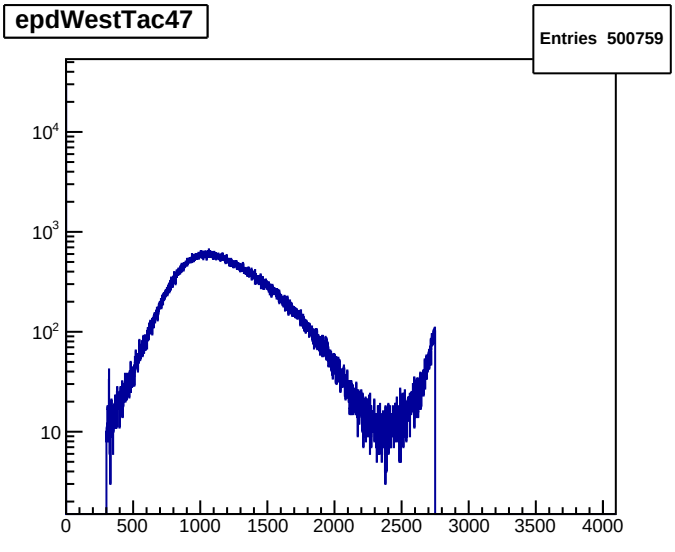
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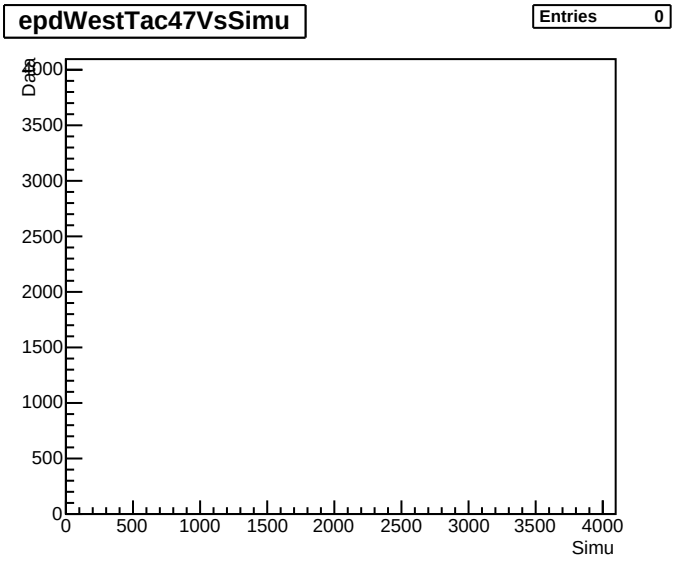
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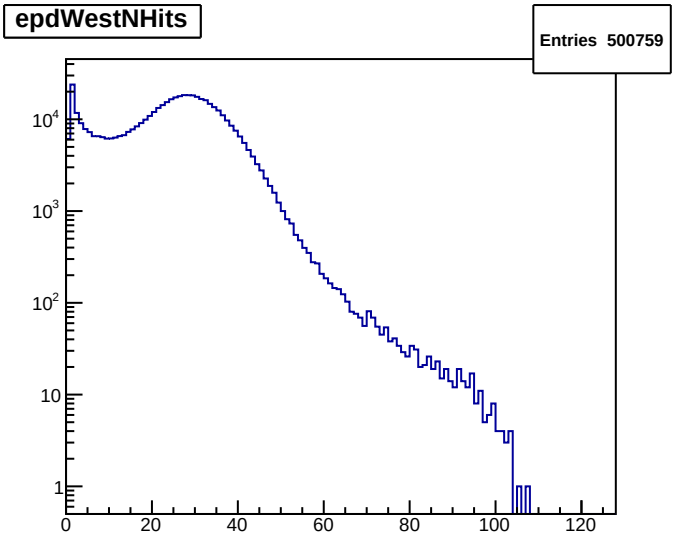
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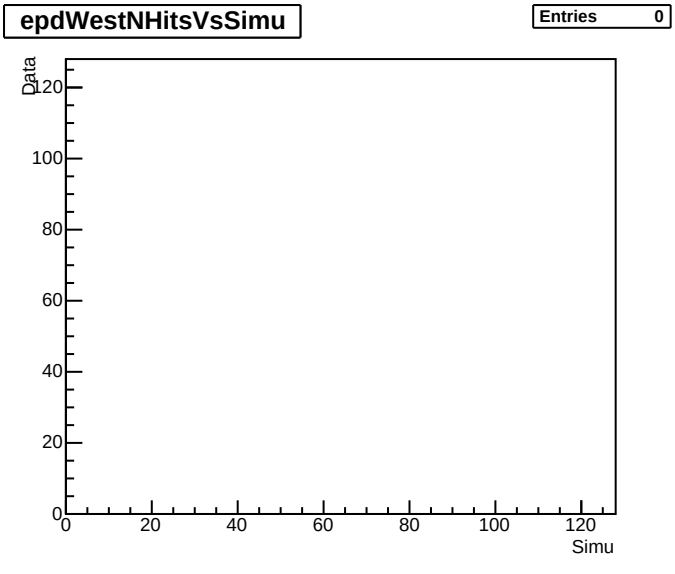
Entries 500759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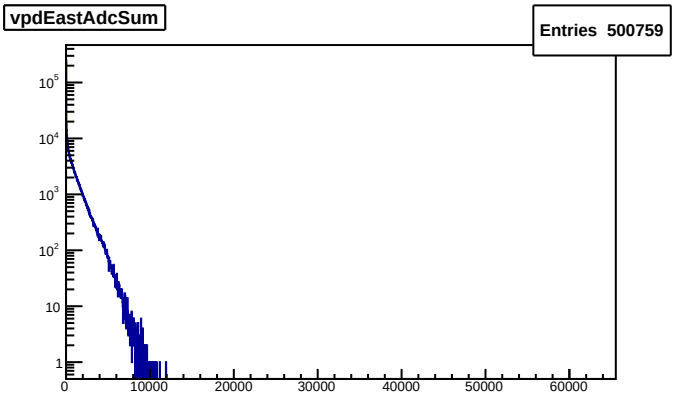
Data
Simu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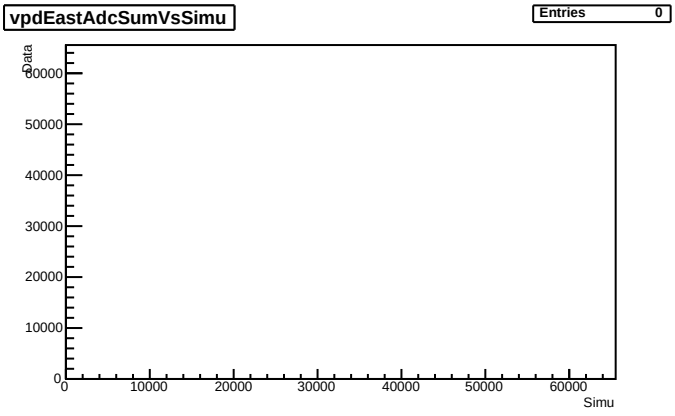
Entries 500759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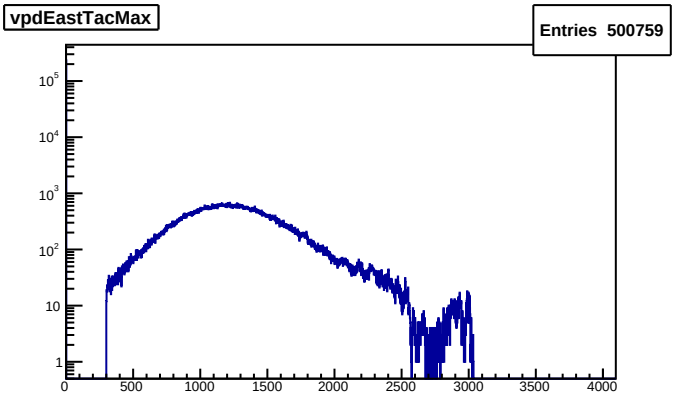
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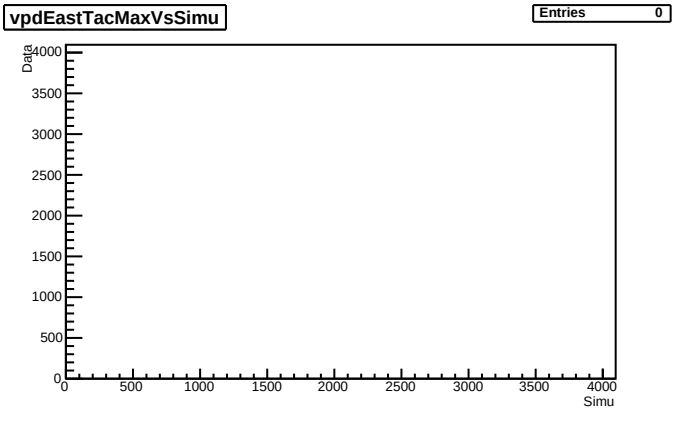
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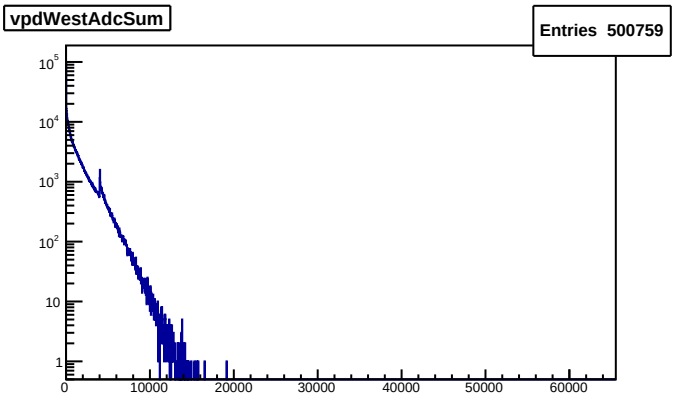
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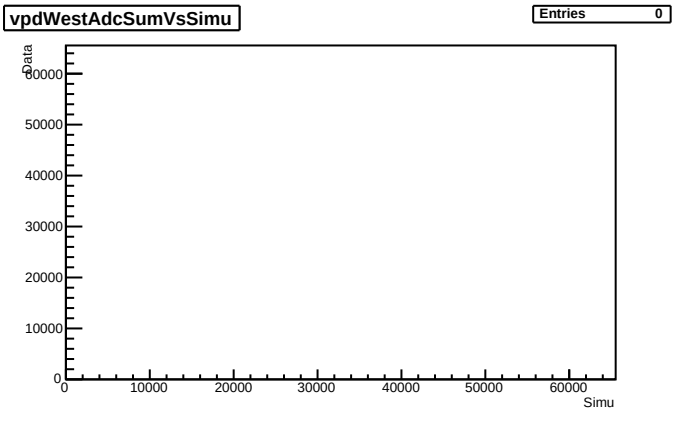
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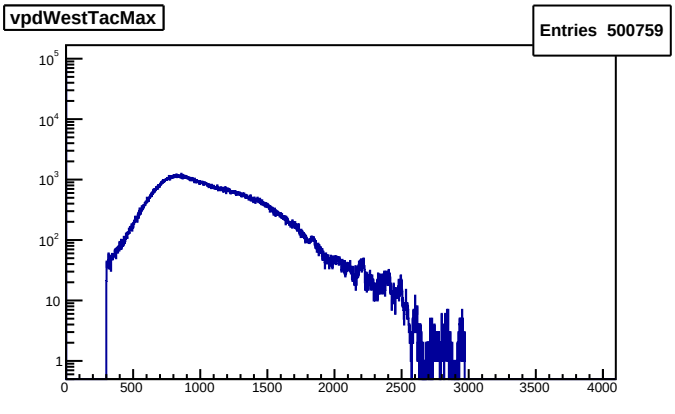
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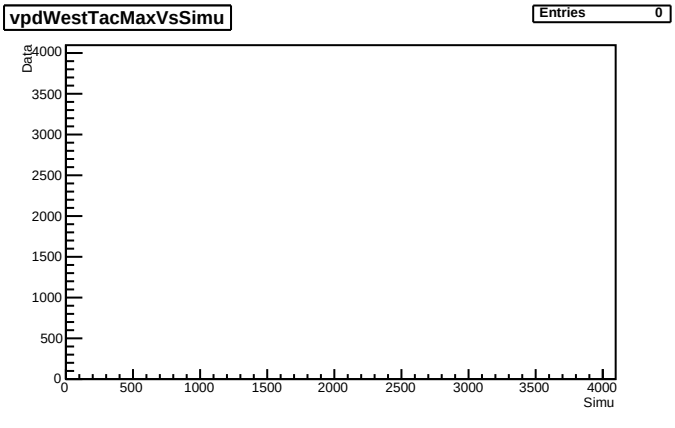
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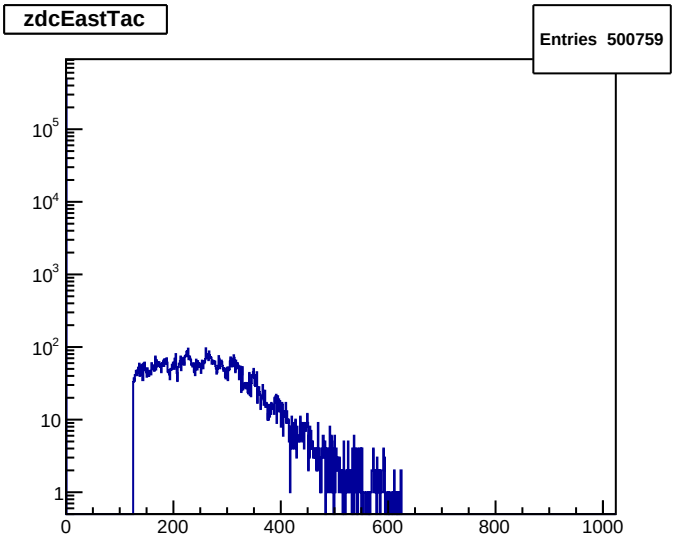
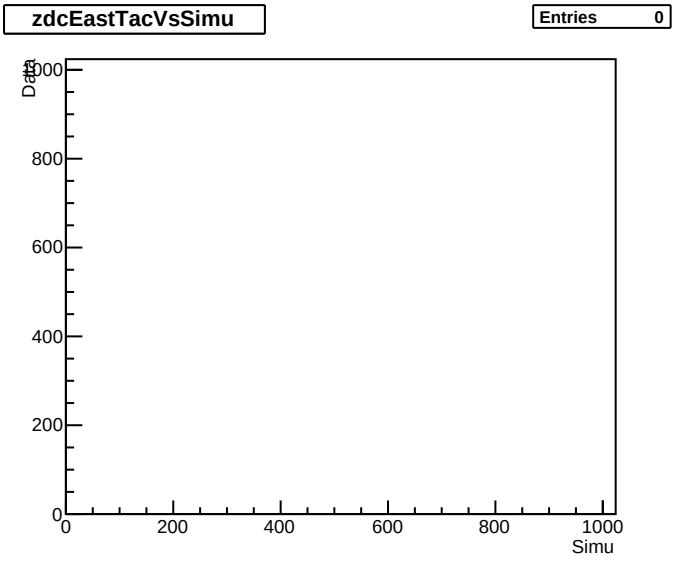
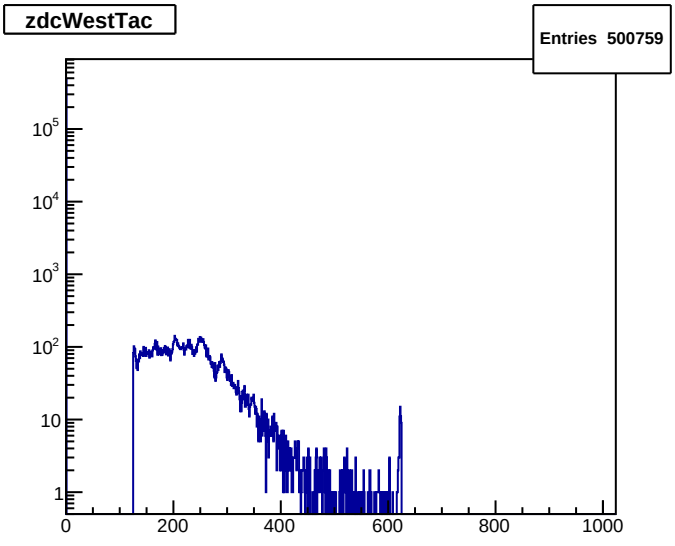
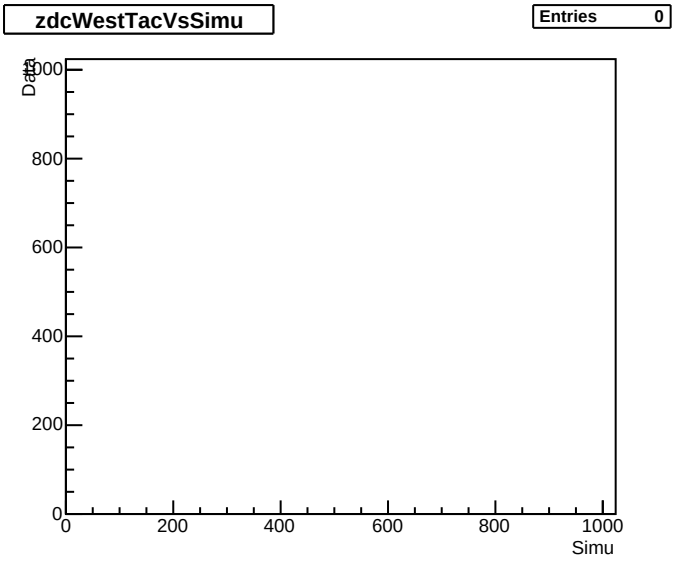
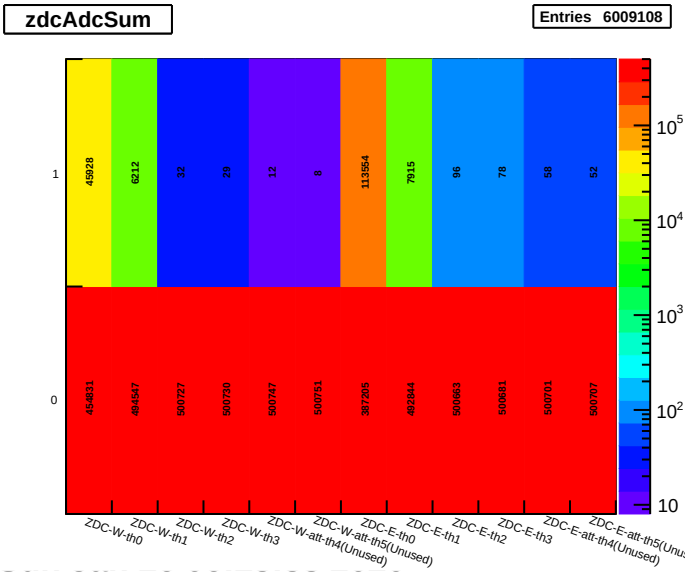
Entries 0
Data
Simu


zdcEastTac
Entries 500759
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 500759
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 6009108
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0
45928
6212
32
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12
8
113554
7915
96
78
58
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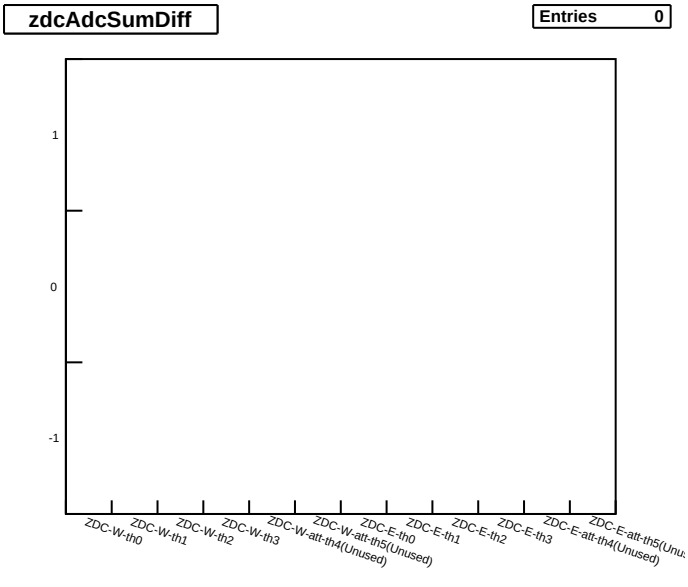
494547
500727
500730
500747
500751
387205
492844
500663
500681
500701
500707
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu


zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
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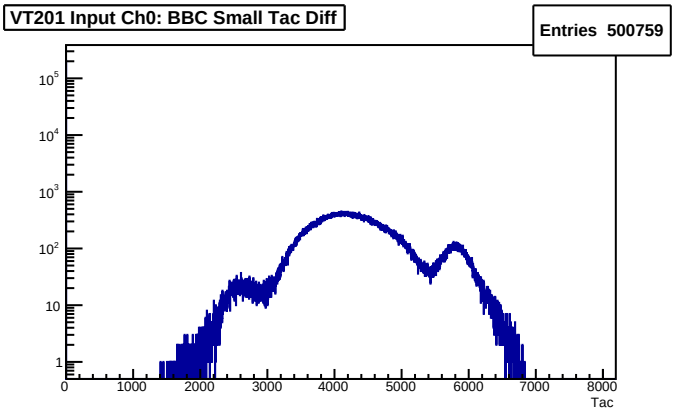
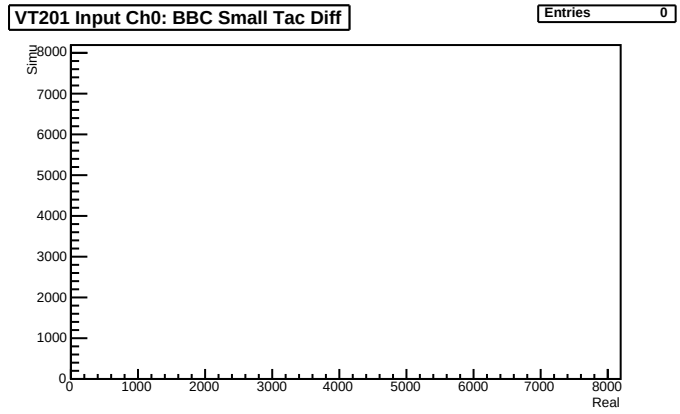
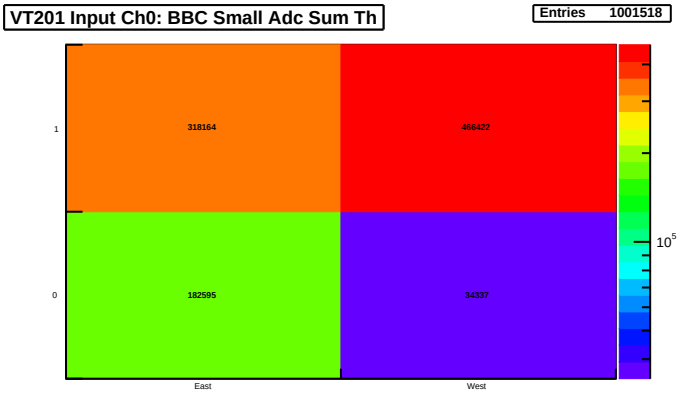
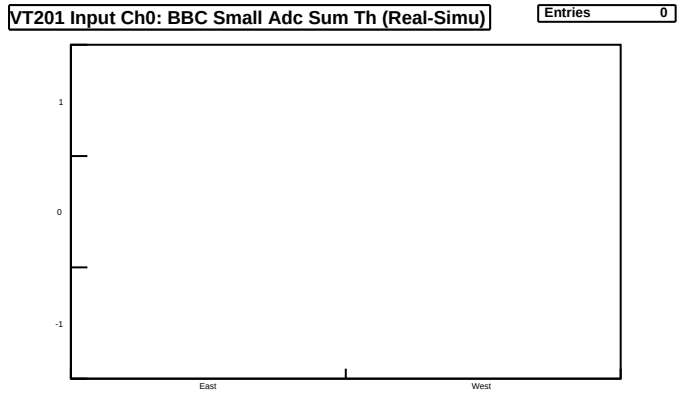
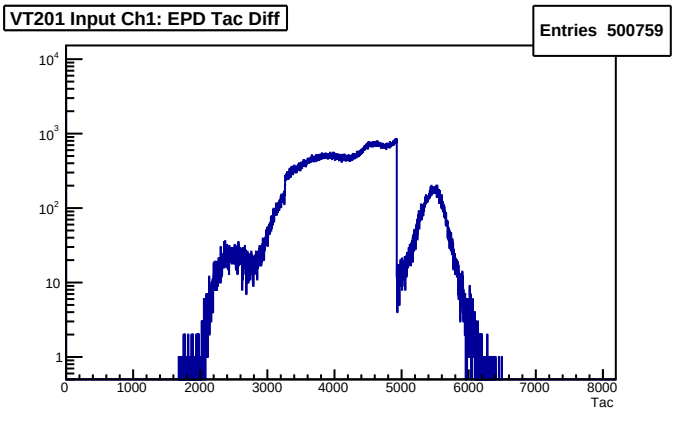
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

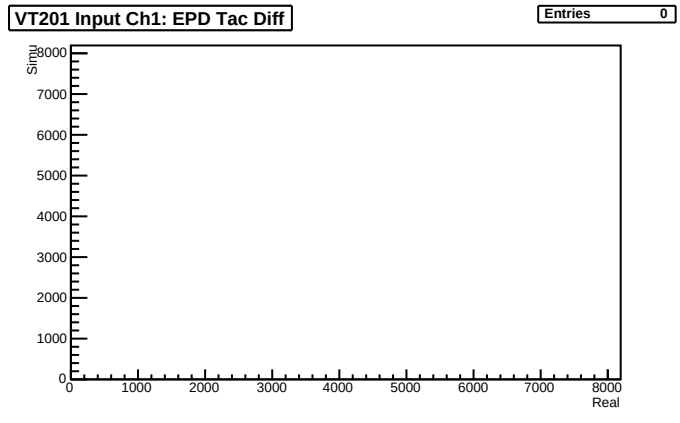

VT201 Input Ch0: BBC Small Tac Diff
Entries 500759
Tac

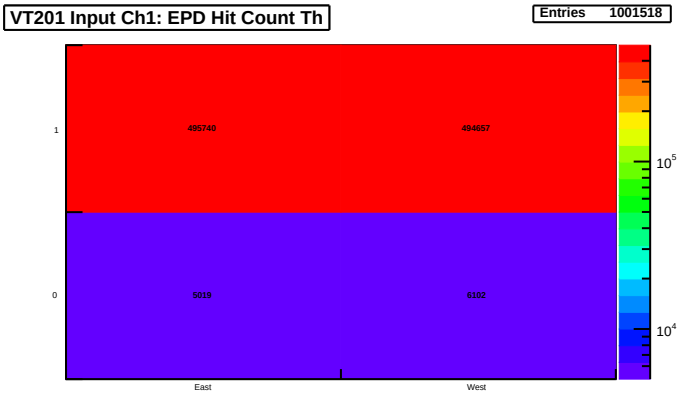

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

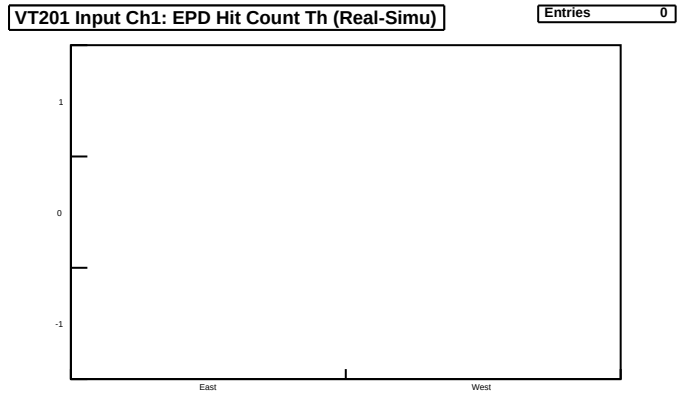

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1001518
318164
466422
182595
34337
East
West

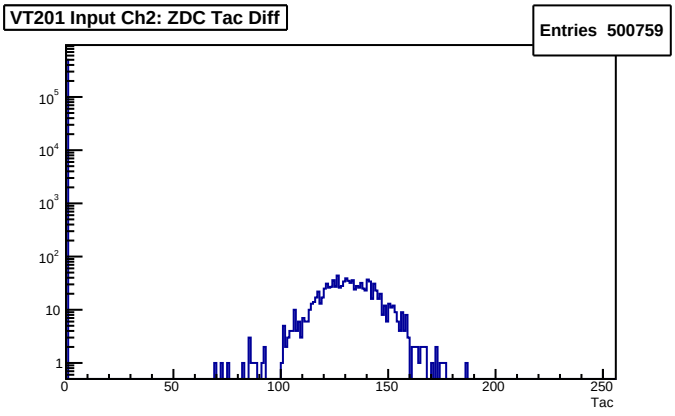

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

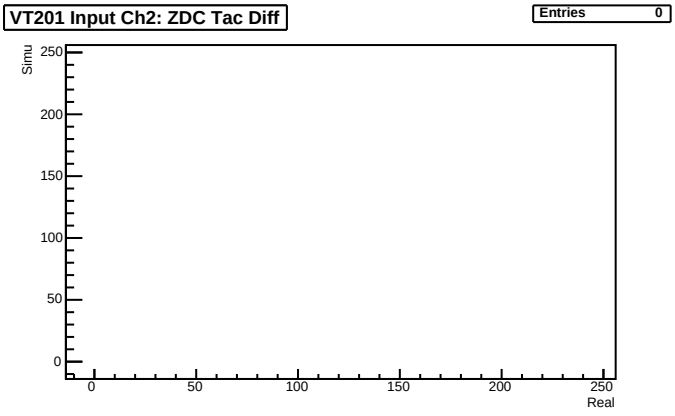

VT201 Input Ch1: EPD Tac Diff
Entries 500759
Tac

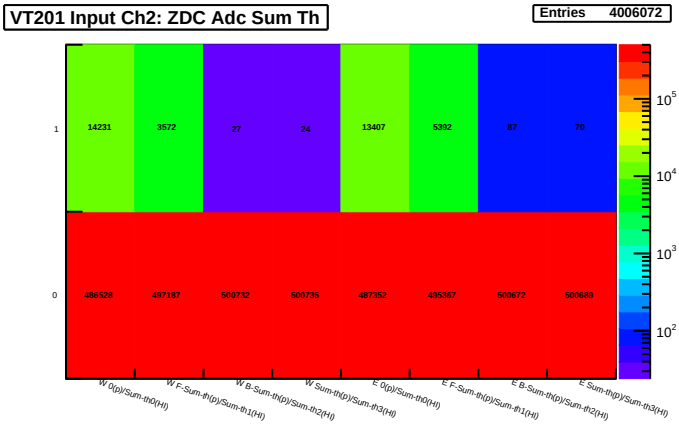

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

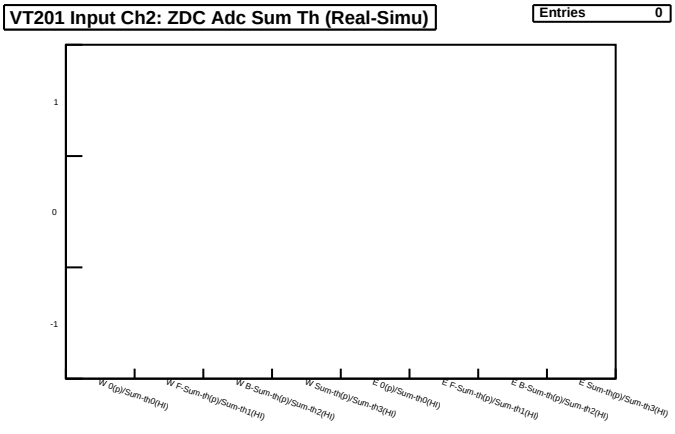

VT201 Input Ch1: EPD Hit Count Th
Entries 1001518
495740
494657
5019
6102
East
West

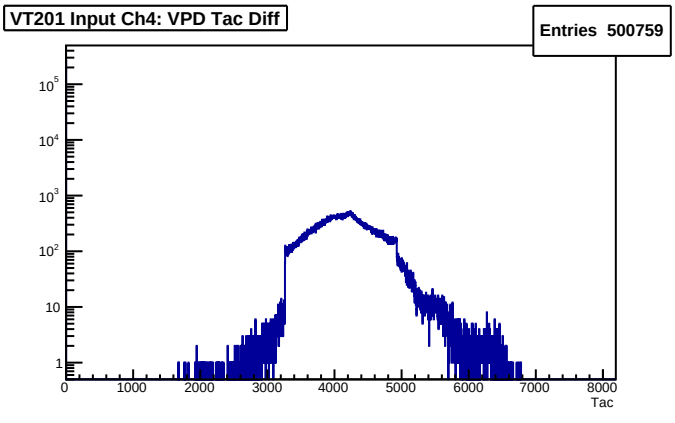

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

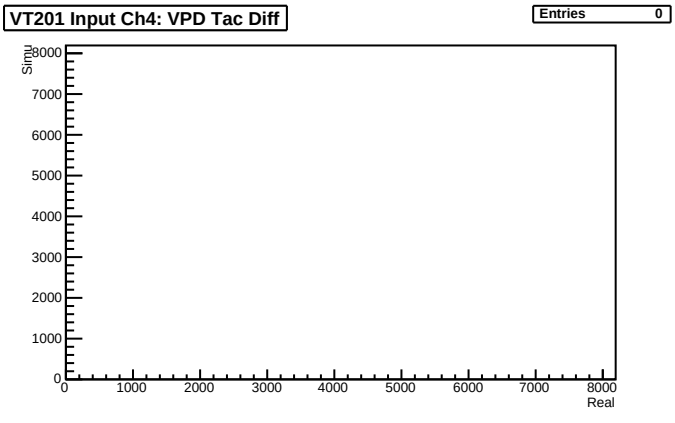

VT201 Input Ch2: ZDC Tac Diff
Entries 500759
Tac

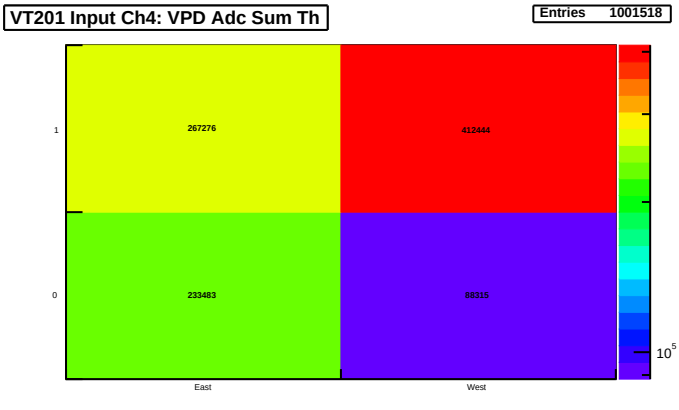

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

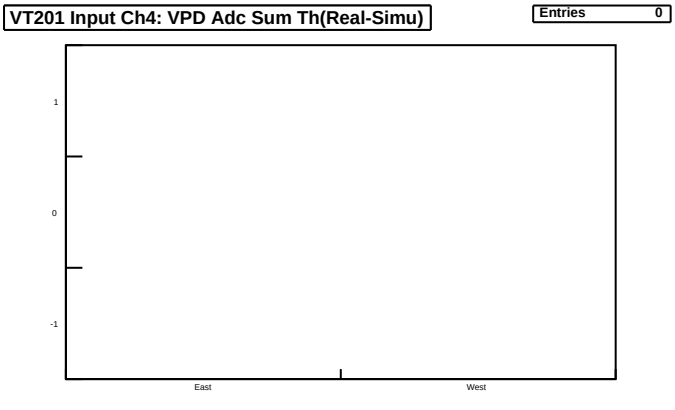

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4006072
14231
3572
27
24
13407
5392
87
70
486528
497187
500732
500735
487352
495367
500672
500689
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

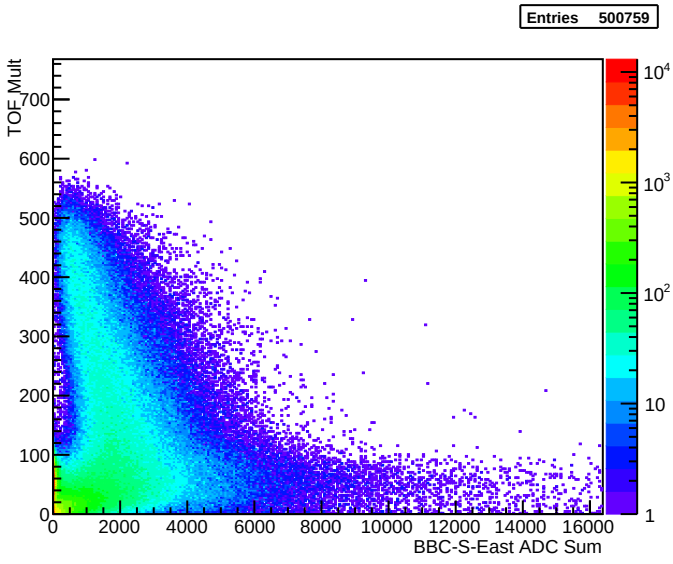

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

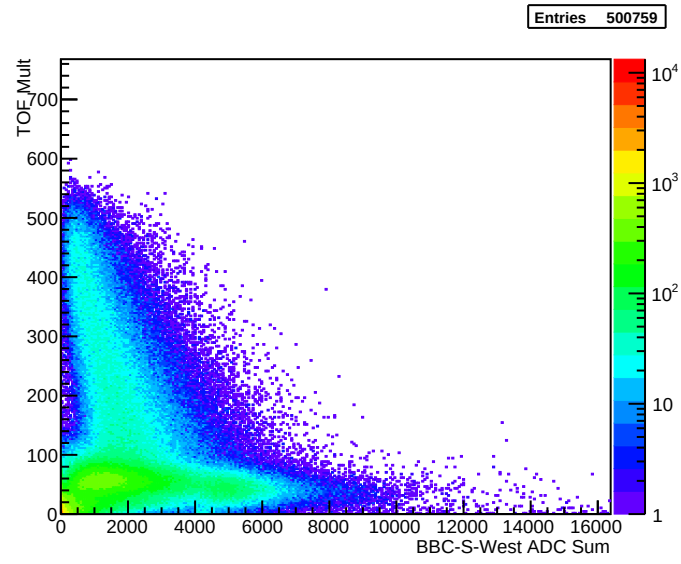

VT201 Input Ch4: VPD Tac Diff
Entries 500759
Tac

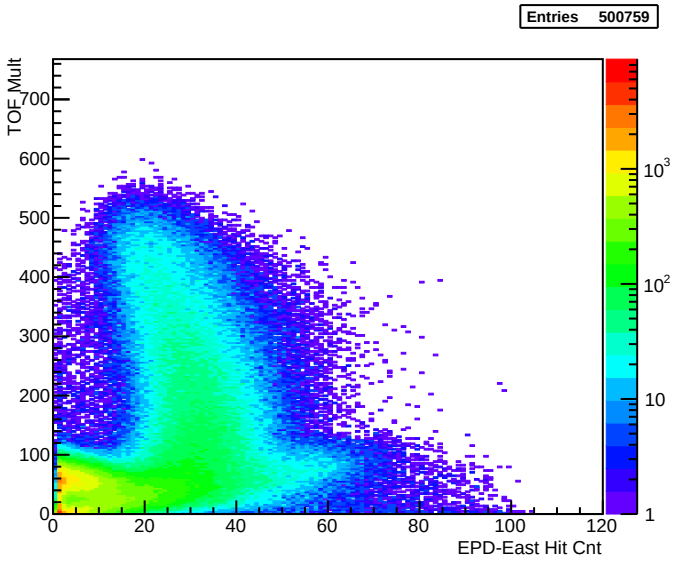

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

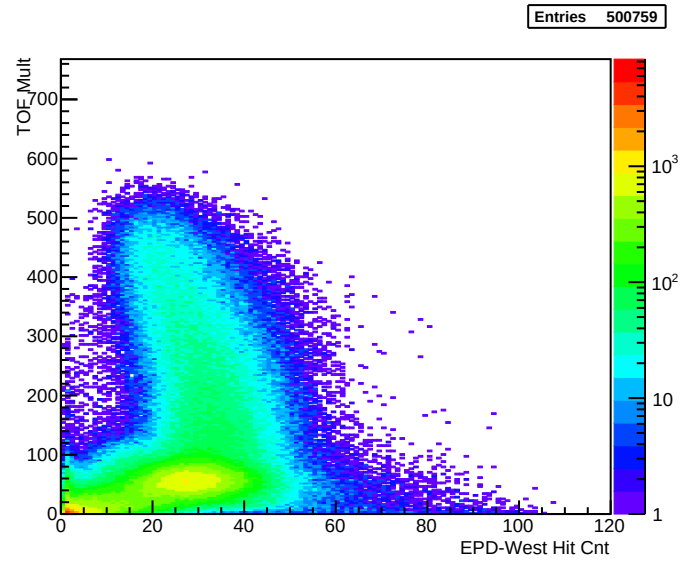

VT201 Input Ch4: VPD Adc Sum Th
Entries 1001518
267276
412444
233483
88315
East
West

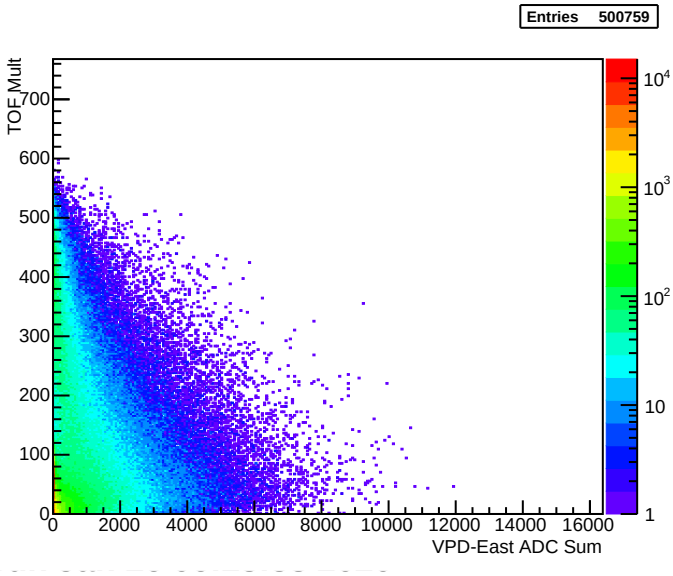

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

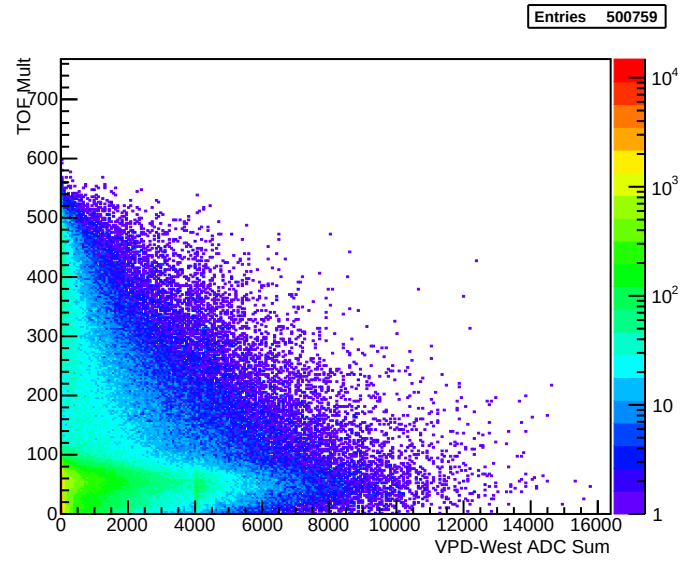

Entries 500759
TOF_Mult
BBC-S-East ADC Sum

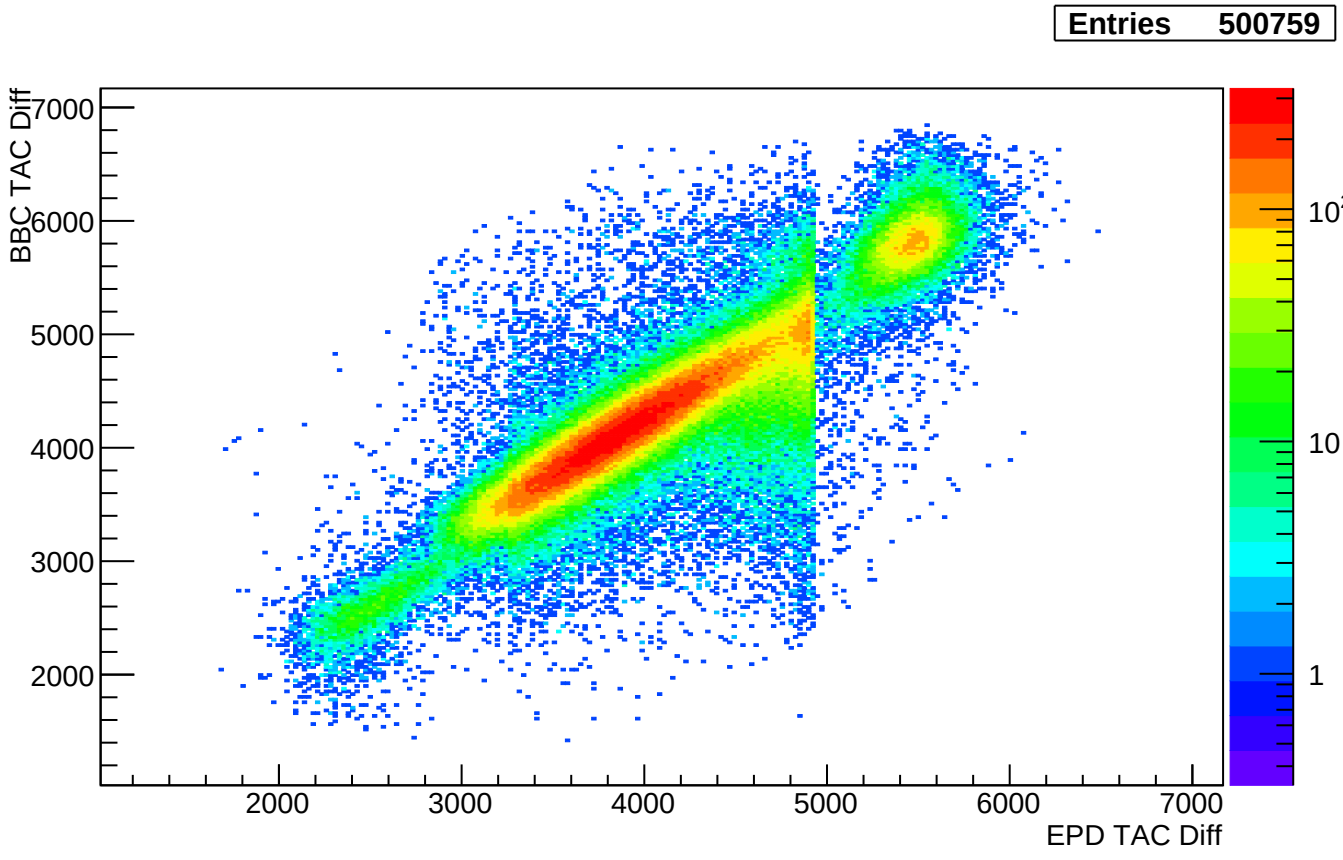

Entries 500759
TOF_Mult
BBC-S-West ADC Sum

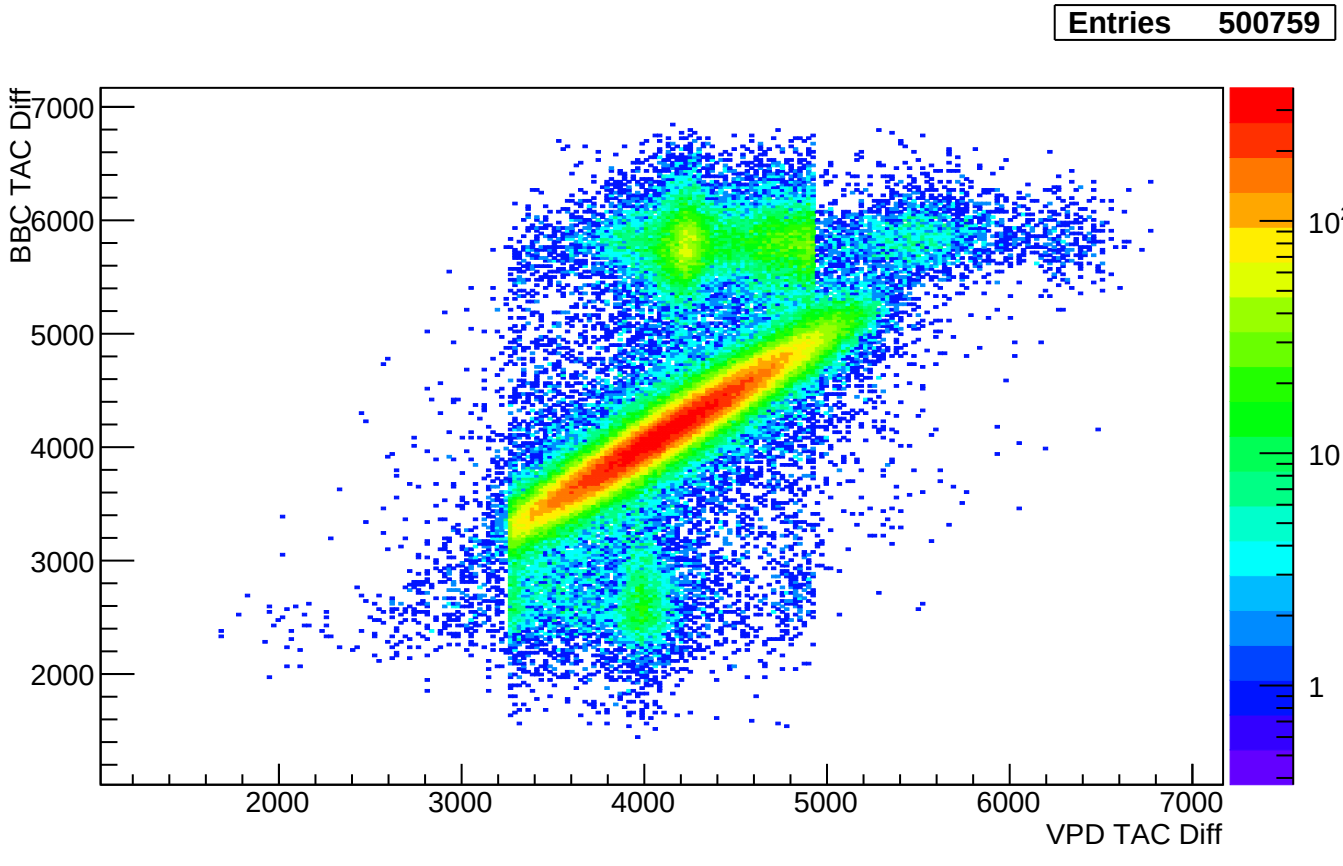

Entries 500759
TOF_Mult
EPD-East Hit Cnt

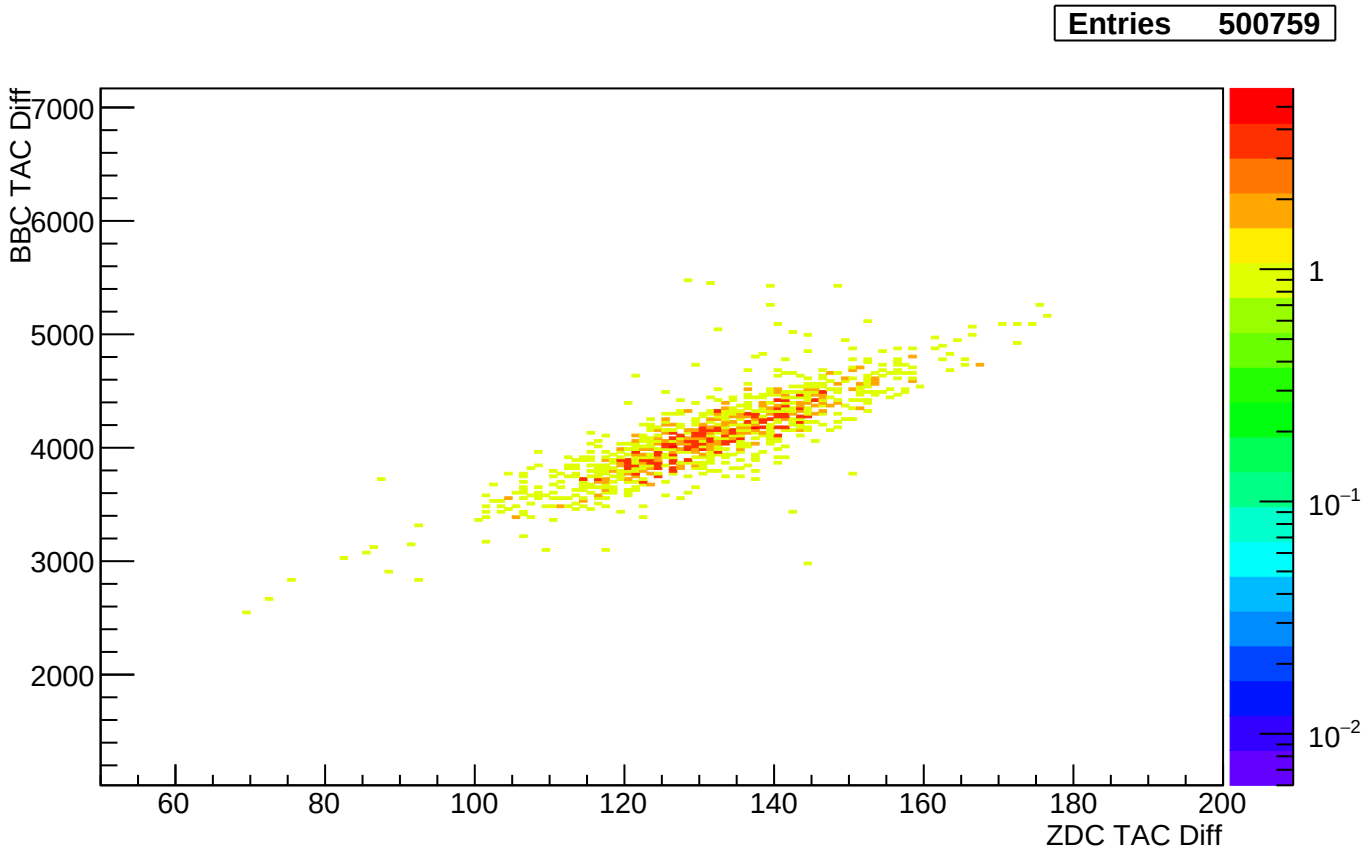

Entries 500759
TOF_Mult
EPD-West Hit Cnt

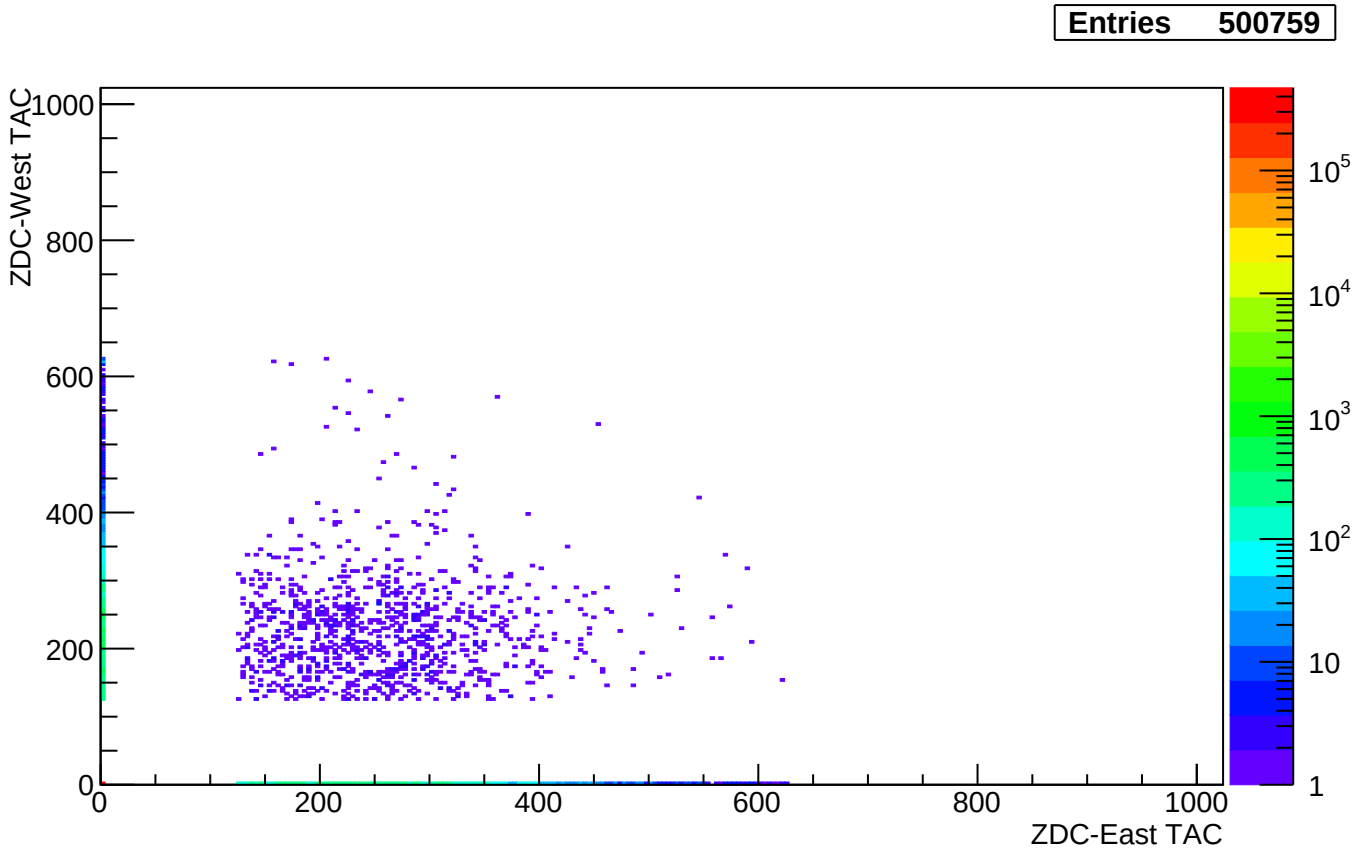

Entries 500759
TOF_Mult
VPD-East ADC Sum

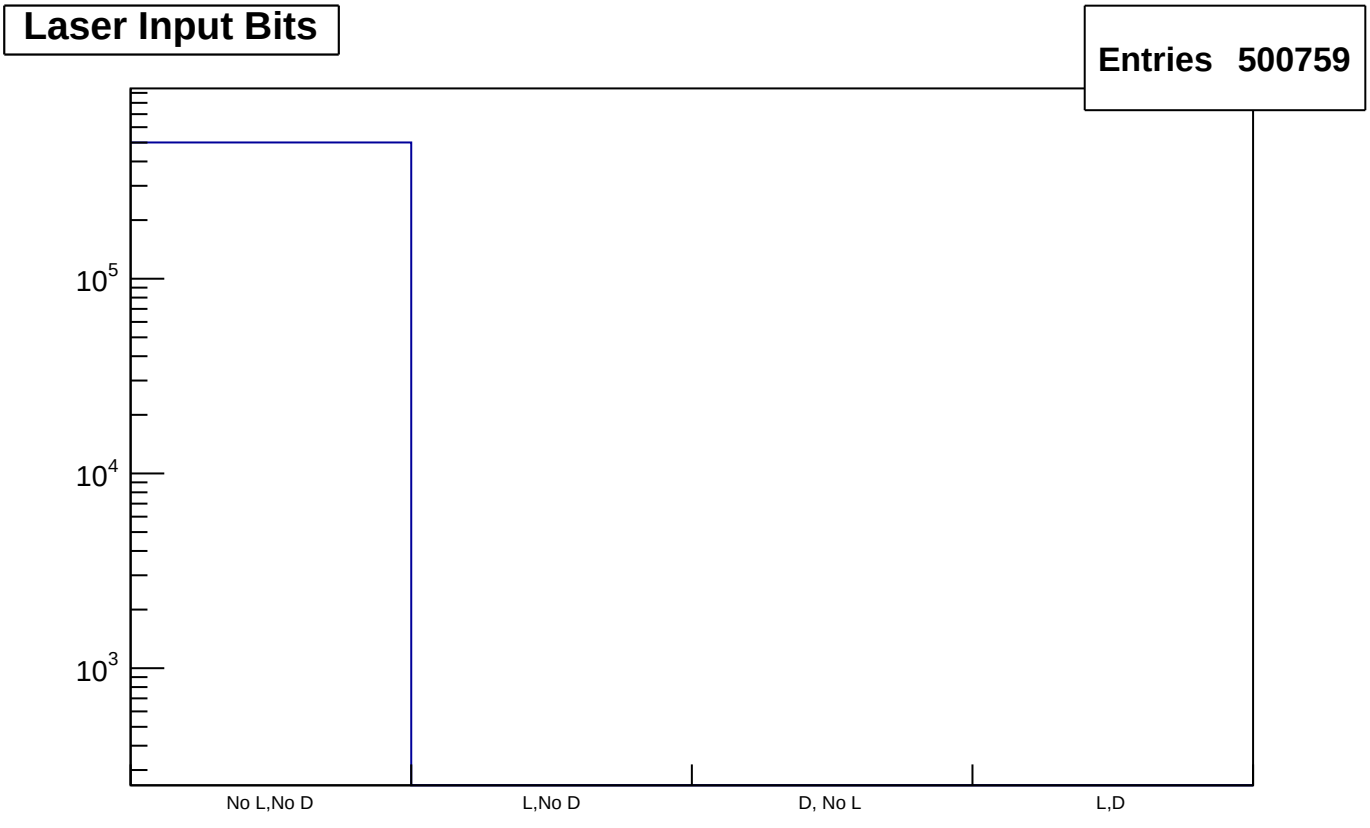

Entries 500759
TOF_Mult
VPD-West ADC Sum

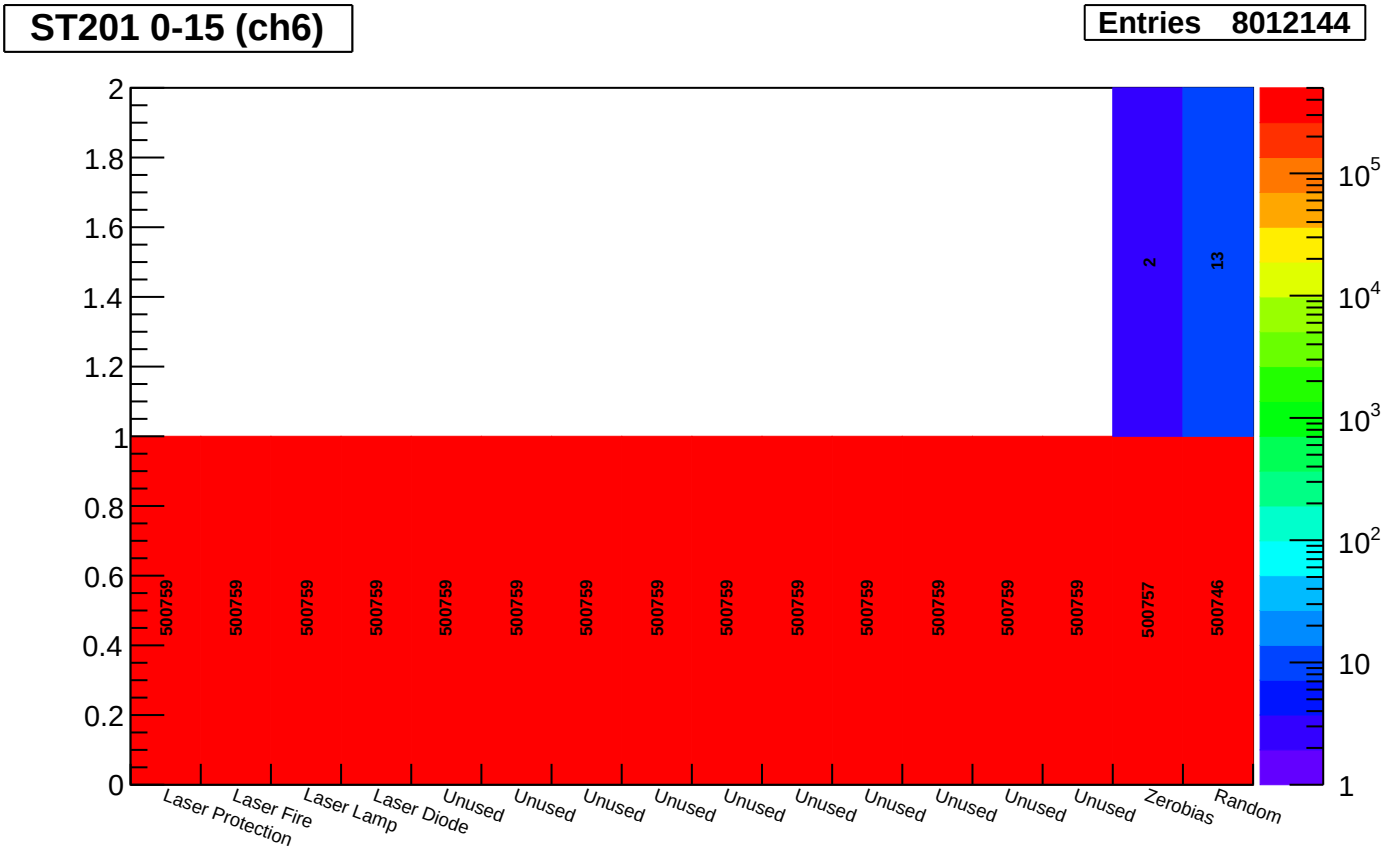

Entries 500759
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

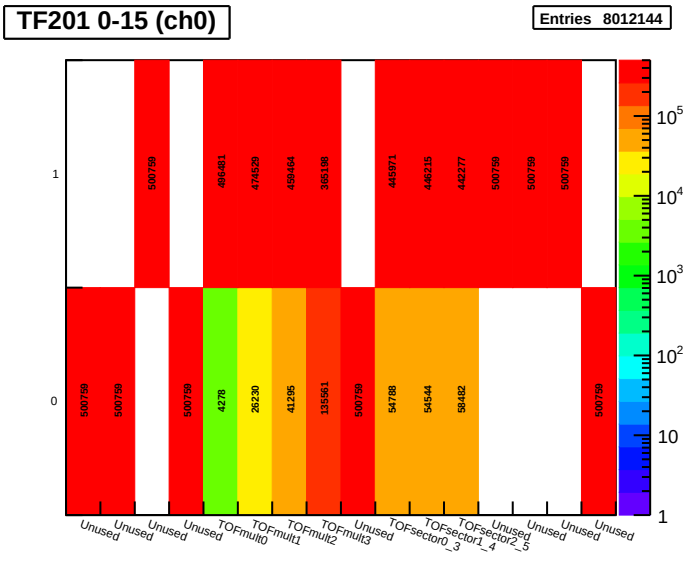

Entries 500759
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

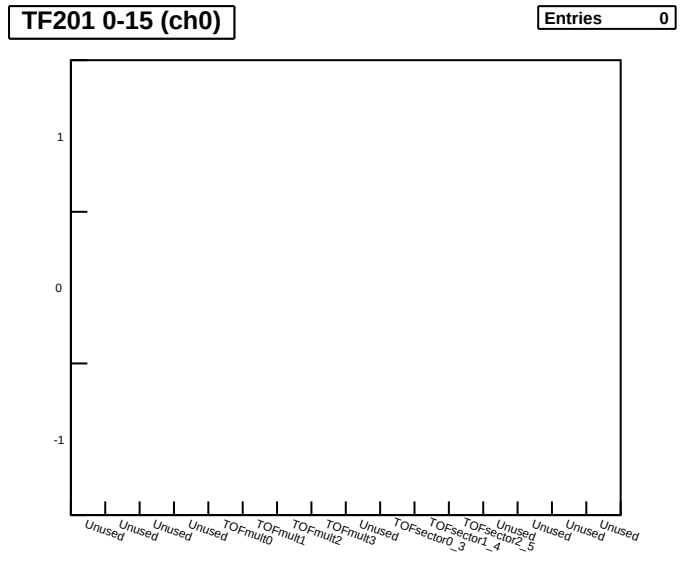

Entries 500759
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

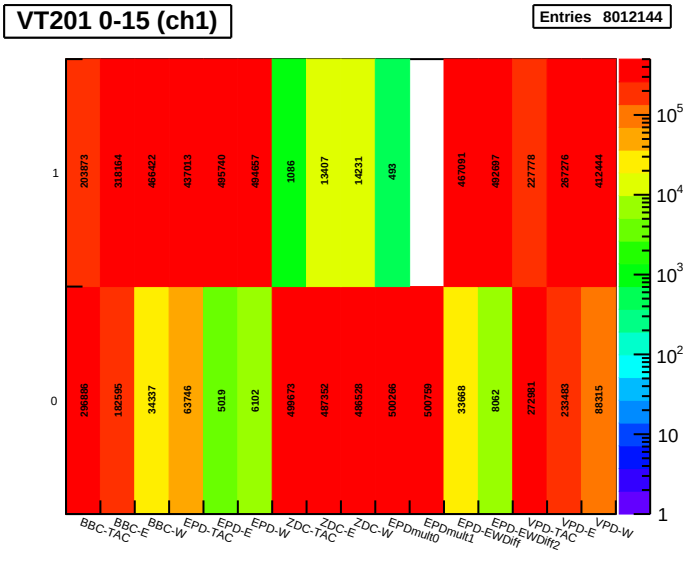

Entries 500759
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

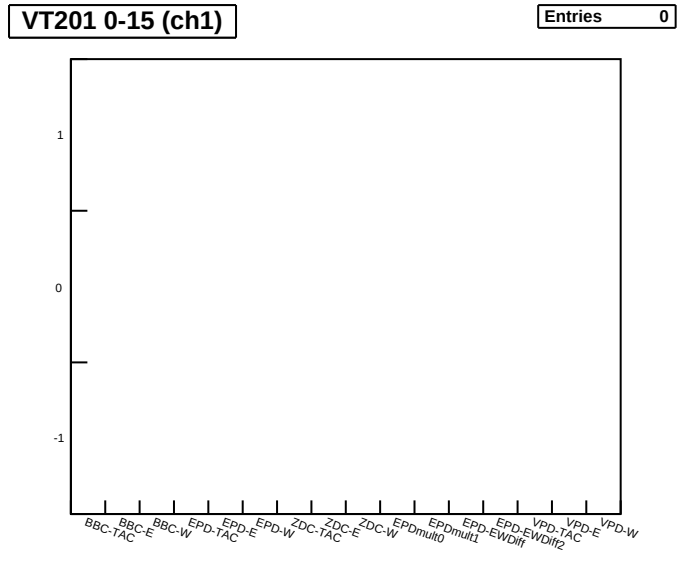

Laser Input Bits
Entries 500759
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

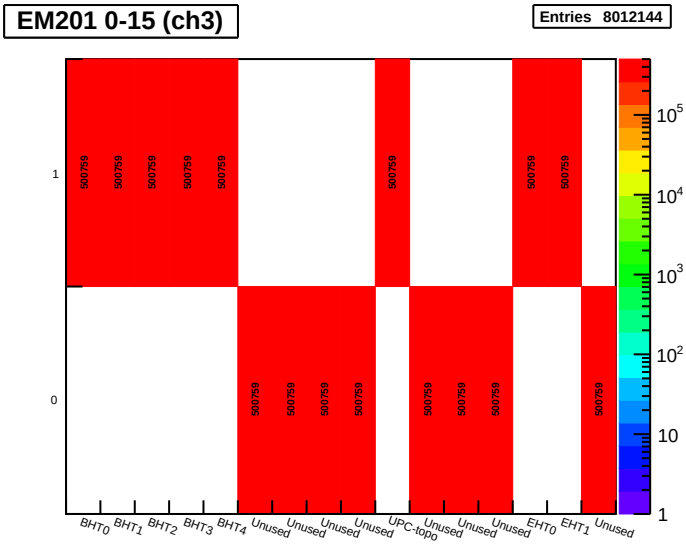

ST201 0-15 (ch6)
Entries 8012144
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500757
500746
2
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

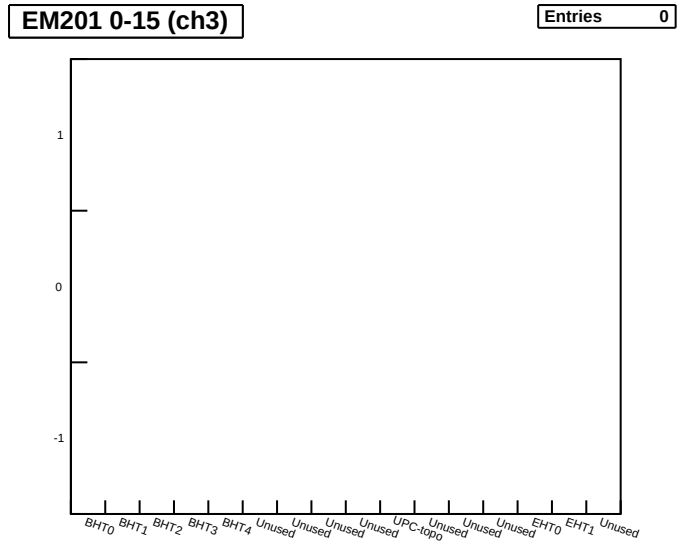

TF201 0-15 (ch0)
Entries 8012144
1
0
500759
406481
474529
459464
365198
445971
446215
442277
500759
500759
500759
500759
500759
500759
4278
26230
41295
135561
500759
54788
54544
58482
500759
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 8012144
1
0
203873
318164
466422
437013
495740
494657
1086
13407
14231
493
467091
492697
227778
267276
412444
236886
182595
34337
63746
5019
6102
499673
487352
486528
500266
500759
33668
8062
272361
233483
88315
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 8012144
1
0
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
500759
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused